QUICK START GUIDE

DANZ Monitoring Fabric

DCA-DM-CDL
DCA-DM-C660
DCA-DM-SDL
DCA-DM-SN760L
DCA-DM-AN450
DCA-DM-RN760
DCS-7050CX3-32S
DCS-7050SX3-48YC8
DCS-7050SX3-96YC8
DCS-7260CX3-64E
DCA-DM-CDL(HWDL2)
DCA-DM-SC
DCA-DM-SDL2
DCA-DM-SNR660
DCA-DM-AN660
DCA-DM-RN760L
DCS-7050SX3-48C8
DCS-7050SX3-48YC8C
DCS-7050TX3-48C8
DCS-7050X4 Series
DCA-DM-C450
DCA-DM-SC2
DCA-DM-SEL
DCA-DM-AA3
DCA-DM-RA3
DCS-7050CX3-32C
DCS-7050SX3-48C8C
DCS-7050SX3-48YC12
DCS-7260CX3-64
DCS-7280, 7289, 7800 Series

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Chapter 1

DMF Controller Nodes

This chapter describes the DMF Controller Nodes available from Arista Networks.

1.1 DMF Controller Node (DCA-DM-CDL) Specification

This section describes the LEDs for monitoring environmental and port status on the DMF Controller Node (DCA-DM-CDL).

The DMF Controller Node (DCA-DM-CDL) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

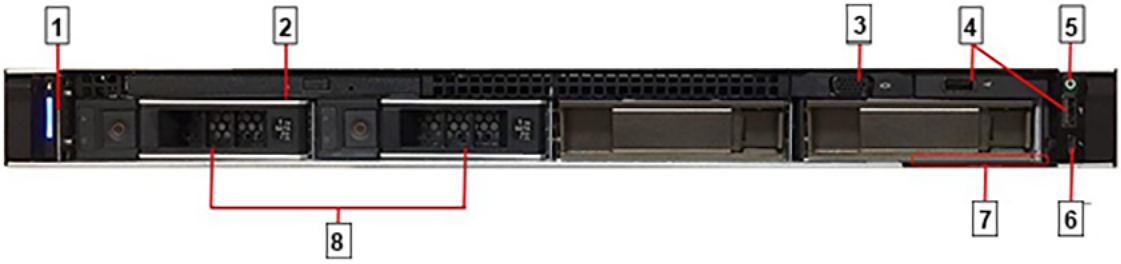
Figure 1-1: DMF Controller Node (DCA-DM-CDL) Bezel

1 Controller Node security bezel

2 LCD menu buttons

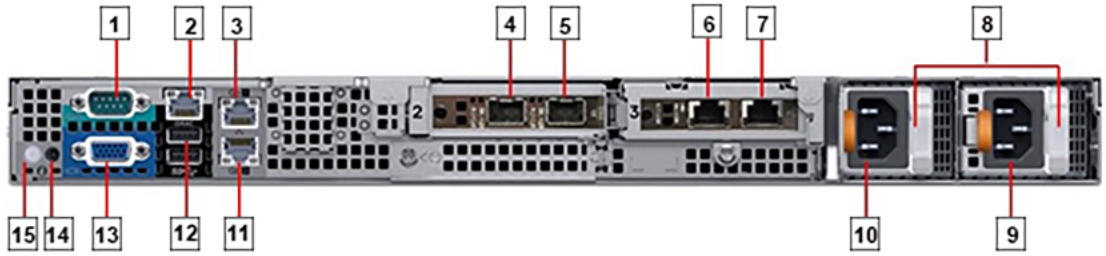
3 LCD panel

Figure 1-2: DMF Controller Node (DCA-DM-CDL) Front Panel



1	System identification button / indicator	5	Power-on indicator / Power button
2	Optical drive	6	Micro USB (not supported)
3	Video connector	7	Information tag
4	USB ports	8	Hard drives

Figure 1-3: DMF Controller Node (DCA-DM-CDL) Rear Panel



1	Serial connector (default baud rate 115200)	9	Power supply 2
2	iDRAC Ethernet interface	10	Power supply 1
3	Ethernet connector 1 – Controller Node management port 1 (10/100/1000Mb/s)	11	Ethernet connector 2 – Controller Node management port 2 (10/100/1000Mb/s)
4	Ethernet connector 3 – Not supported	12	USB ports
5	Ethernet connector 4 – 10GbE SFP+ packet capture port	13	Video connector
6	Ethernet connector 5 – Not supported	14	System identification button
7	Ethernet connector 6 – Not supported	15	System identification indicator
8	PSU status indicators		

1.1.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

1.1.2 Platform Management Tool

DMF Controller Node (DCA-DM-CDL) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

1.1.3 Technical Specification

Controller Node	**DCA-DM-CDL**
Processor	2 X Intel Xeon Silver 4114 2.20GHz, 10 cores, 20 threads, 9.6GT/s 2UPI, 14M cache, turbo, HT, 85W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	4 X 16GB RDIMM, 2666MT/s
Hard drive	2 X 1TB 7.2K RPM SATA 6Gbps 3.5in hot-plug hard drives; RAID 1 for H330+
Networking	Embedded NIC: 2 X 1GbE LOM Network adapter 1: Intel X710 dual port 10Gb DA/SFP+ server adapter Network adapter 2: Intel X550 dual port 10Gb Base-T server adapter
Power	2 X Hot-plug power supplies 550W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

1.2 DMF Controller Node (DCA-DM-CDL(HWDL2)) Specification

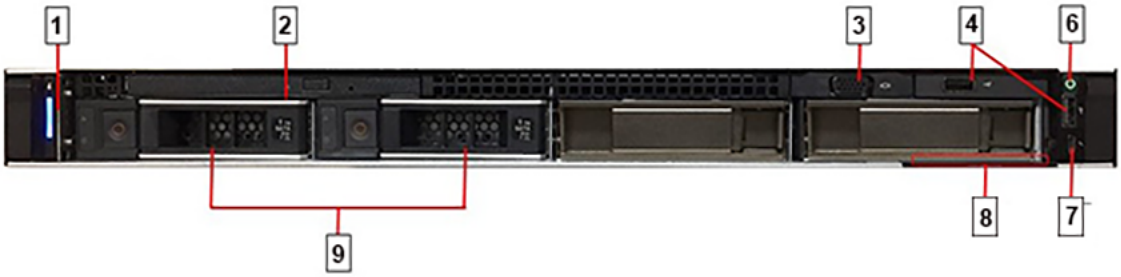
This section describes the LEDs for monitoring environmental and port status on the DMF Controller Node (DCA-DM- CDL(HWDL2)).

The DMF Controller Node (DCA-DM-CDL(HWDL2)) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

Figure 1-4: DMF Controller Node (DCA-DM-CDL(HWDL2)) Bezel

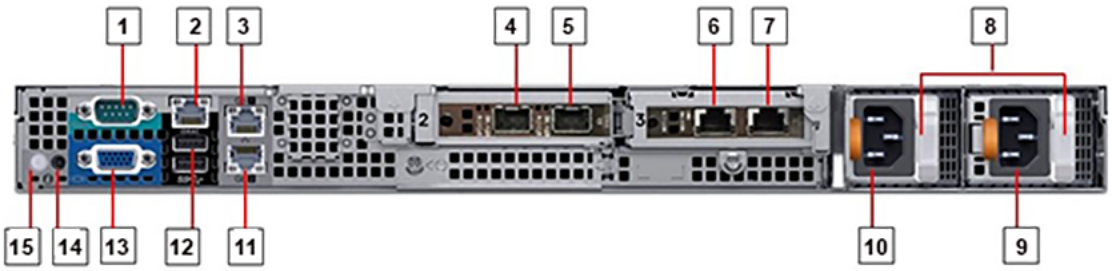
1	Controller Node security bezel
2	LCD menu buttons
3	LCD panel

Figure 1-5: DMF Controller Node (DCA-DM-CDL(HWDL2)) Front Panel



1	System identification button / indicator	5	Power-on indicator / Power button
2	Optical drive	6	Micro USB (not supported)
3	Video connector	7	Information tag
4	USB ports	8	Hard drives

Figure 1-6: DMF Controller Node (DCA-DM-CDL(HWDL2)) Rear Panel



1	Serial connector (default baud rate 115200)	9	Power supply 2
2	iDRAC Ethernet interface	10	Power supply 1
3	Ethernet connector 1 – Controller Node management port 1 (10/100/1000Mb/s)	11	Ethernet connector 2 – Controller Node management port 2 (10/100/1000Mb/s)
4	Ethernet connector 3 – Not supported	12	USB ports
5	Ethernet connector 4 – 10GbE SFP+ packet capture port	13	Video connector
6	Ethernet connector 5 – Not supported	14	System identification button
7	Ethernet connector 6 – Not supported	15	System identification indicator
8	PSU status indicators		

1.2.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

1.2.2 Platform Management Tool

DMF Controller Node (DCA-DM-CDL(HWDL2)) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

1.2.3 Technical Specification

Controller Node	**DCA-DM-CDL (HWDL2)**
Processor	2 x Intel Xeon Silver 4114 2.20GHz, 10 cores, 20 threads, 9.6GT/s 2UPI, 14M cache, turbo, HT, 85W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	4 X 16GB RDIMM, 2666MT/s
Hard drive	2 X 1TB 7.2K RPM SATA 6Gbps 3.5in hot-plug hard drives; RAID 1 for H330+
Networking	Embedded NIC: 2 X 1GbE LOM Network adapter 1: Broadcom 57412 dual port 10Gb SFP+ adapter Network adapter 2: Broadcom 57416 dual port 10Gb Base-T adapter
Power	2 X Hot-plug power supplies 550W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

1.3 DMF Controller Node (DCA-DM-C450) Specification

This section describes the LEDs for monitoring environmental and port status on the DMF Controller Node (DCA-DM-C450).

The DMF Controller Node (DCA-DM-C450) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

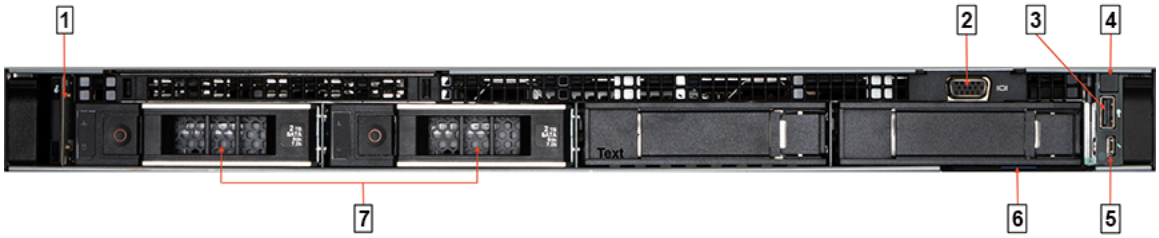
Figure 1-7: DMF Controller Node (DCA-DM-C450) Bezel

1 Controller Node security bezel

2 LCD menu buttons

3 LCD panel

Figure 1-8: DMF Controller Node (DCA-DM-C450) Front Panel



1 System identification button / indicator

2 Video connector

3 USB ports

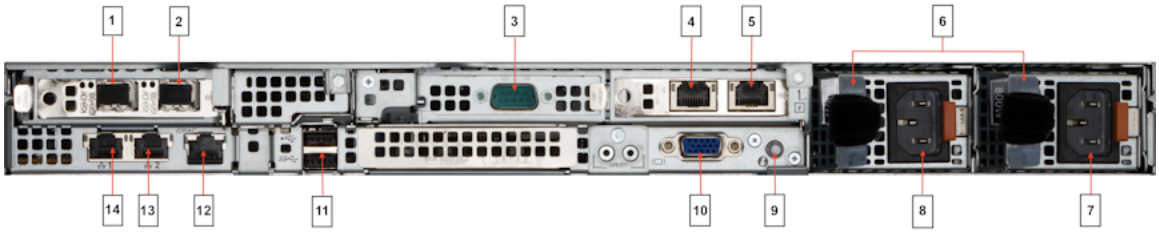
4 Power-on indicator / Power button

5 Micro USB (not supported)

6 Information tag

7 Hard drives

Figure 1-9: DMF Controller Node (DCA-DM-C450) Rear Panel



1	Ethernet connector 3 – Not supported	8	Power supply 1
2	Ethernet connector 4 – 10GbE SFP+ packet capture port	9	System identification indicator/button
3	Serial connector (default baud rate 115200)	10	Video connector
4	Ethernet connector 5 – Not supported	11	USB ports
5	Ethernet connector 6 – Not supported	12	iDRAC Ethernet interface
6	PSU status indicators	13	Ethernet connector 2 – Controller Node management port 2 (10/100/1000Mb/s)
7	Power supply 2	14	Ethernet connector 1 – Controller Node management port 1 (10/100/1000Mb/s)

1.3.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

1.3.2 Platform Management Tool

DMF Controller Node (DCA-DM-C450) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

1.3.3 Technical Specification

Controller Node	**DCA-DM-C450**
Processor	2 X Intel Xeon Silver 4310 2.10GHz, 12 cores, 24 threads, 10.4GT/s 2UPI, 18M cache, turbo, HT, 120W, DDR4-2666
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	4 X 16GB RDIMM, 3200MT/s
Hard drive	2 X 2TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug hard drives; RAID 1 for H355
Networking	Embedded NIC: 2 X 1GbE LOM (BCM5720) Network adapter 1: Intel X710 dual port 10Gb SFP+ adapter Network adapter 2: Intel X710-T2L dual port 10Gb Base-T adapter
Power	2 X Hot-plug power supplies 800W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

1.4 DMF Controller Node (DCA-DM-C660) Specification

This section describes the LEDs for monitoring environmental and port status on the DMF Controller Node (DCA-DM-C660).

The DMF Controller Node (DCA-DM-C660) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

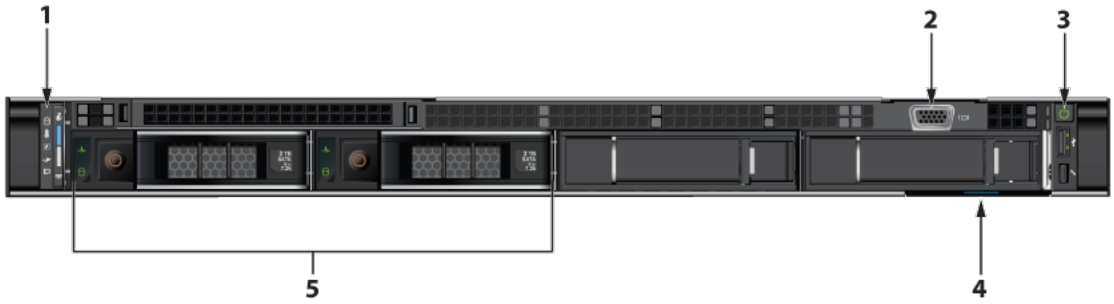
Figure 1-10: DMF Controller Node (DCA-DM-C660) Bezel

1 Controller Node security bezel

2 LCD menu buttons

3 LCD panel

Figure 1-11: DMF Controller Node (DCA-DM-C660) Front Panel



1 System identification button / indicator

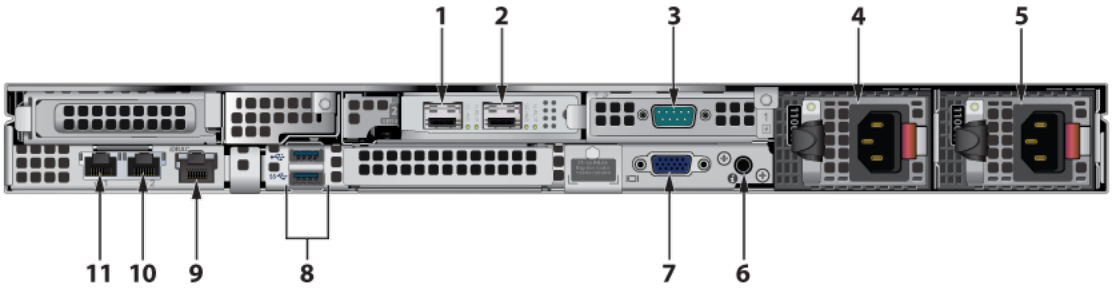
2 Video connector

3 Power-on indicator / Power button

4 Information tag

5 Hard Drives

Figure 1-12: DMF Controller Node (DCA-DM-C660) Rear Panel



1	Ethernet connector 3- 10/25GbE SFP28 packet capture	7	Video connector
2	Ethernet connector 4 – Not Supported	8	USB ports
3	Serial connector (default baud rate 115200)	9	iDRAC Ethernet interface
4	Power supply 1	10	Ethernet connector 1 – Controller Node management port 1 (10/100/1000Mb/s)
5	Power supply 2	11	Ethernet connector 2 – Controller Node management port 2 (10/100/1000Mb/s)
6	System identification indicator/button		

1.4.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

1.4.2 Platform Management Tool

DMF Controller Node (DCA-DM-C660) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

1.4.3 Technical Specification

Controller Node	**DCA-DM-C660**
Processor	2 X Intel Xeon Silver 4410Y 2GHz, 12 cores, 24 threads, 16GT/s 30M cache, turbo, HT, 150W, DDR5-4000, OEM XL
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	4 X 16GB RDIMM, 5600MT/s, Single Rank
Hard drive	2 X 2TB Hard Drive SATA 6Gbps 7.2K 512n 3.5in Hot-Plug
Networking	Embedded NIC: Integrated Dual 1GbE LOM (BCM5720) Network adapter 1: Intel E810-XXV dual port 10/25GbE SFP28 adapter , PCIe Low Profile
Power	2 X Dual, Redundant(1+1), Hot-Plug Power Supply,1100W MM(100- 240Vac) Titanium
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

Chapter 2

DMF Service Nodes

This chapter describes the DMF Service Nodes available from Arista Networks.

2.1 DMF Service Node (DCA-DM-SC/DCA-DM-SC2) Specification

This section describes the LEDs for monitoring environmental and port status on the DMF Service Node (DCA-DM-SC 960GB and1.2TB, DCA-DM-SC2, 960GB, currently shipped appliances will have 960GB SSD).

The DMF Service Node (DCA-DM-SC/DCA-DM-SC2) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis. It has 4 SNIs.

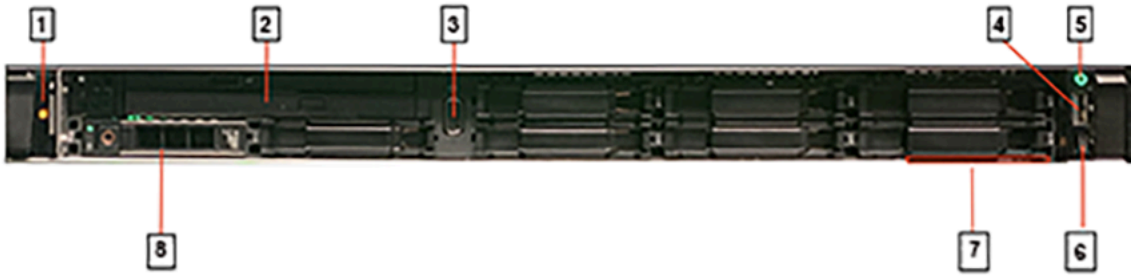
Figure 2-1: DMF Service Node (DCA-DM-SC/DCA-DM-SC2 with 960GB SSD) Bezel

1 Controller Node security bezel

2 LCD menu buttons

3 LCD panel

Figure 2-2: DMF Service Node (DCA-DM-SC/DCA-DM-SC2 with 960GB SSD) Front Panel

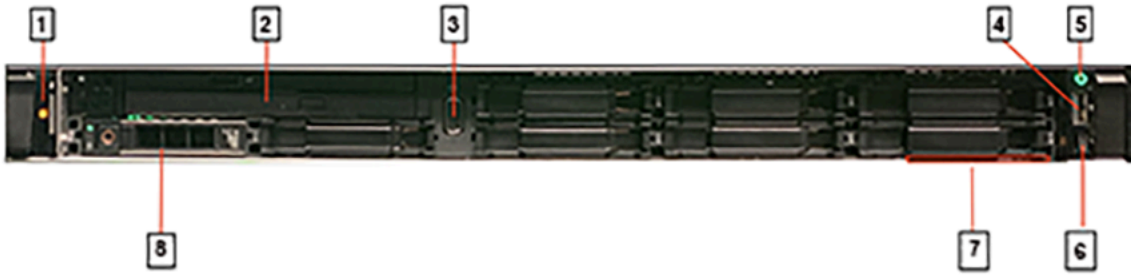


1	System identification button / indicator	5	Power-on indicator / Power button
2	Optical drive	6	Micro USB (not supported)
3	Video connector	7	Information tag
4	USB ports	8	Hard drive

Figure 2-3: DMF Service Node (DCA-DM-SC with 1.2TB HD) Bezel

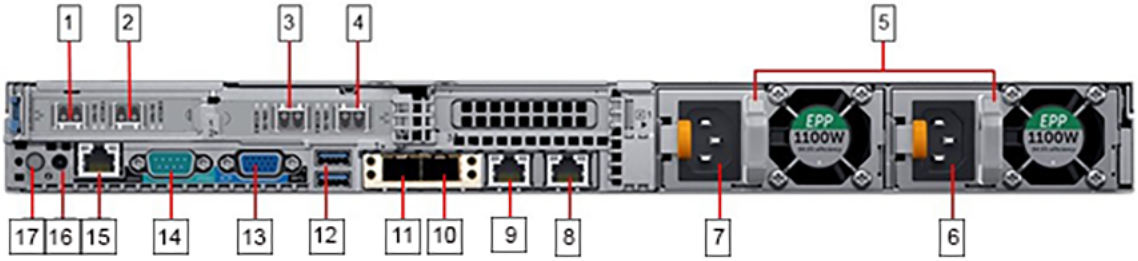
1	Controller Node security bezel
2	LCD menu buttons
3	LCD panel

Figure 2-4: DMF Service Node (DCA-DM-SC with 1.2TB HD) Front Panel



1	System identification button / indicator	5	Power-on indicator / Power button
2	Optical drive	6	Micro USB (not supported)
3	Video connector	7	Information tag
4	USB ports	8	Hard drive

Figure 2-5: DMF Service Node (DCA-DM-SC/DCA-DM-SC2) Rear Panel



1	Ethernet connector 5 – 10GbE SFP+ Service interfaces SNI1	10	Ethernet connector 2 – Not supported
2	Ethernet connector 6 – 10GbE SFP+ Service interfaces SNI2	11	Ethernet connector 1 – Not supported
3	Ethernet connector 7 – 10GbE SFP+ Service interfaces SNI4	12	USB ports
4	Ethernet connector 8 – 10GbE SFP+ Service interfaces SNI3	13	Video connector
5	PSU status indicators	14	Serial connector (default baud rate 115200)
6	Power supply 2	15	iDRAC Ethernet interface
7	Power supply 1	16	System identification button
8	Ethernet connector 4 – Service Node management port 2 (10/100/1000Mb/s)	17	System identification indicator
9	Ethernet connector 3 – Service Node management port 1 (10/100/1000Mb/s)		

2.1.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 3, 4	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Service Node Ethernet connectors SNI1-4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

2.1.2 Platform Management Tool

DMF Service Node (DCA-DM-SC/DCA-DM-SC2) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

2.1.3 Technical Specification

Controller Node	**DCA-DM-SC with 960GB SSD**
Processor	1 X Intel Xeon Gold 5118 2.30GHz, 16.5M cache, 10.4GT/s 2UPI, turbo, HT, 12C/24T, 105W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 75.7cm)
Memory	6 X 8GB RDIMM, 3200MT/s
Hard drive	960GB SSD SATA mix use 6Gbps 512n 2.5in hot-plug AG hard drive
Networking	Embedded NIC: Intel X710 dual port 10Gb DA/SFP+, I350 dual port 1Gb Ethernet LOM Network adapter 1: Intel X710 dual port 10Gb DA/SFP+ server adapter Network adapter 2: Intel X710 dual port 10Gb DA/SFP+ server adapter
Power	2 X Hot-plug power supplies 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Controller Node	**DCA-DM-SC2 with 960GB SSD**
Processor	1 X Intel Xeon Gold 5118 2.30GHz, 16.5M cache, 10.4GT/s 2UPI, turbo, HT, 12C/24T, 105W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 75.7cm)
Memory	6 X 8GB RDIMM, 3200MT/s
Hard drive	960GB SSD SATA mix use 6Gbps 512n 2.5in hot-plug AG hard drive
Networking	Embedded NIC: Intel X710 dual port 10Gb DA/SFP+, I350 dual port 1Gb Ethernet LOM Network adapter 1: Intel XXV710 V2 dual port 10Gb DA/SFP+ server adapter Network adapter 2: Intel XXV710 V2 dual port 10Gb DA/SFP+ server adapter
Power	2 X Hot-plug power supplies 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Controller Node	DCA-DM-SC with 1.2TB HD
Processor	1 X Intel Xeon Gold 5118 2.30GHz, 16.5M cache, 10.4GT/s 2UPI, turbo, HT, 12C/24T, 105W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 75.7cm)
Memory	6 X 8GB RDIMM, 3200MT/s
Hard drive	1.2TB 10K RPM SAS 12Gbps 512n 2.5in hot-plug hard drives; no RAID for H330
Networking	Embedded NIC: Intel X710 dual port 10Gb DA/SFP+, I350 dual port 1Gb Ethernet LOM Network adapter 1: Intel X710 dual port 10Gb DA/SFP+ server adapter Network adapter 2: Intel X710 dual port 10Gb DA/SFP+ server adapter
Power	2 X Hot-plug power supplies 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	Specification
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

2.2 DMF Service Node (DCA-DM-SDL/DCA-DM-SDL2) Specification

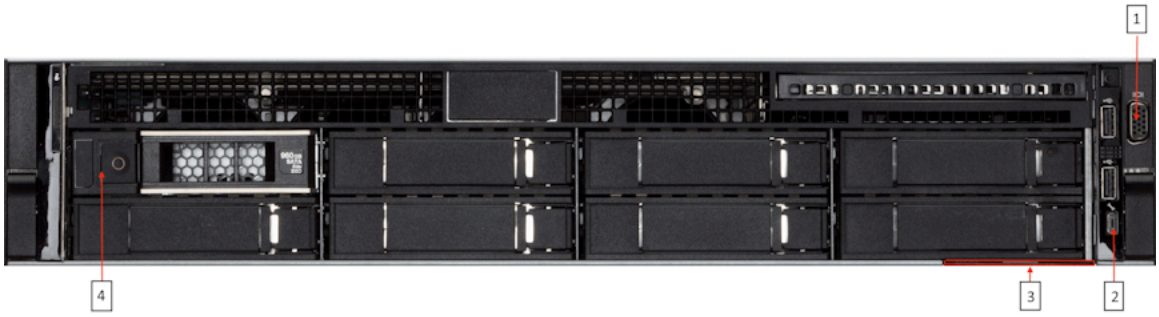
The DMF Service Node (DCA-DM-SDL/DCA-DM-SDL2) is an enterprise-class, 2-socket, 2RU rack-mount hardware appliance designed for high density, performance, redundancy, and value. It has 16 SNIs.

This section describes the LEDs for monitoring environmental and port status on the DMF Service Node (DCA-DM-SDL 960GB and 1.2TB, DCA-DM-SDL2 960GB. Currently shipped appliances will have 960GB SSD).

Figure 2-6: DMF Service Node (DCA-DM-SDL/DCA-DM-SDL2 with 960GB SSD) Bezel

1	System identification button / indicator	3	Power-on indicator / Power button
2	Service Node security bezel	4	USB ports

Figure 2-7: DMF Service Node (DCA-DM-SDL/DCA-DM-SDL2 with 960GB SSD) Front Panel

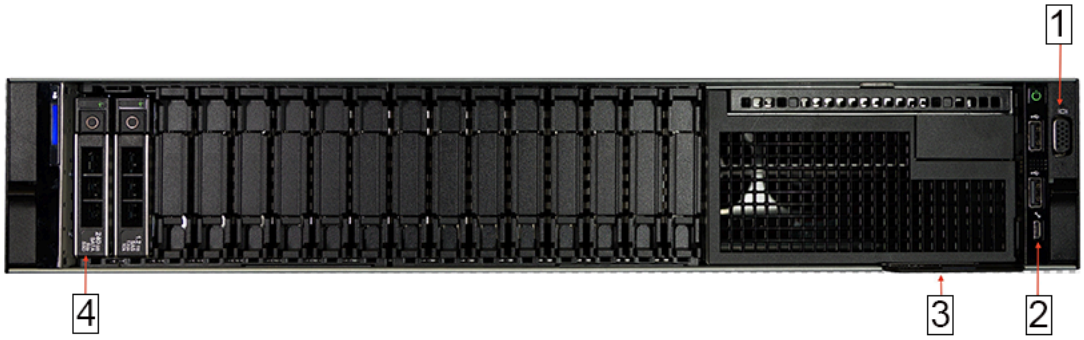


1	Front video connector	3	Information tag
2	Micro USB (not supported)	4	Hard drive

Figure 2-8: DMF Service Node (DCA-DM-SDL with 1.2TB HD) Bezel

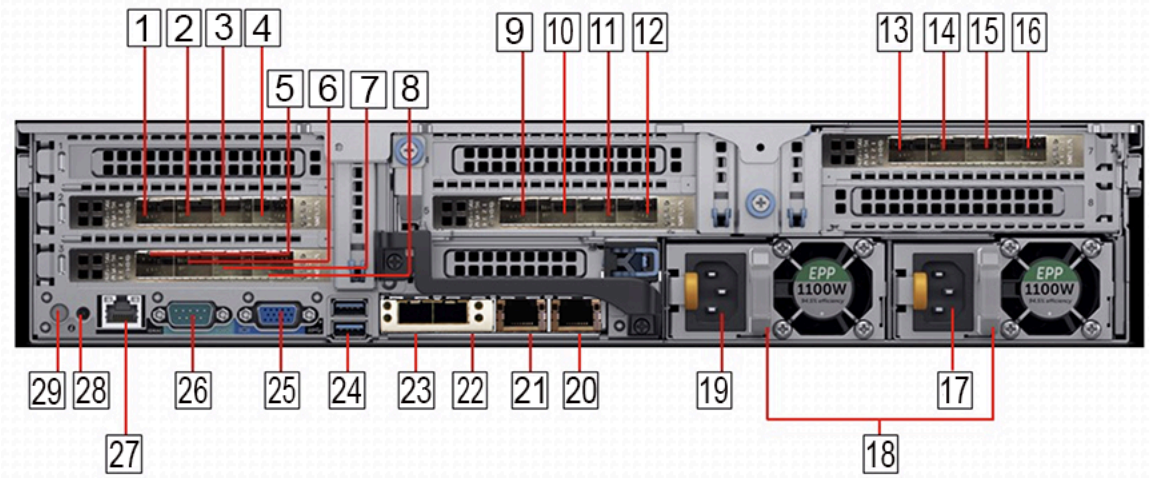
1	System identification button / indicator	4	LCD panel
2	Service Node security bezel	5	Power-on indicator / Power button
3	LCD menu buttons	6	USB ports

Figure 2-9: DMF Service Node (DCA-DM-SDL with 1.2TB HD) Front Panel



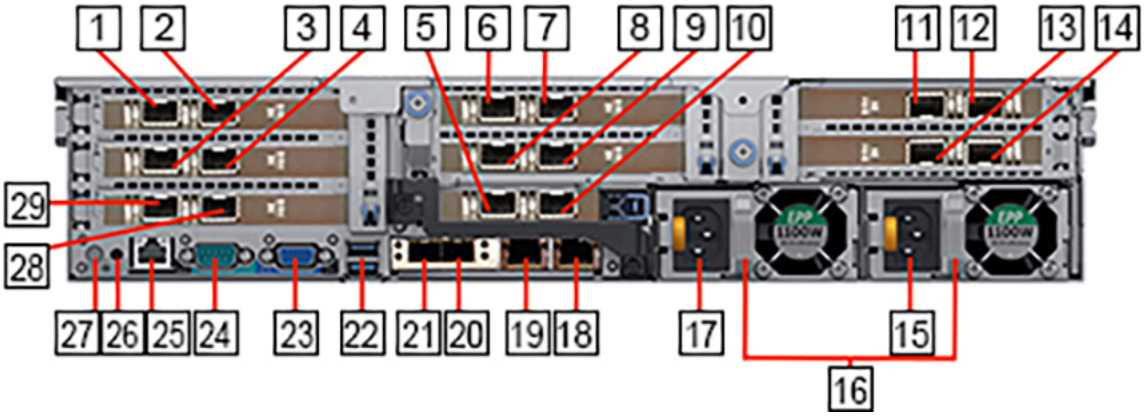
1	Front video connector	3	Information tag
2	Micro USB (not supported)	4	Hard drive

Figure 2-10: DMF Service Node (DCA-DM-SDL) Rear Panel



1	Service interfaces SNI8	16	Service interfaces SNI16
2	Service interfaces SNI7	17	Power supply 2
3	Service interfaces SNI6	18	PSU status indicator
4	Service interfaces SNI5	19	Power supply 1
5	Service interfaces SNI4	20	Ethernet connector 4 – Service Node management port 2 (10/100/1000Mb/s)
6	Service interfaces SNI3	21	Ethernet connector 3 – Service Node management port 1 (10/100/1000Mb/s)
7	Service interfaces SNI2	22	Ethernet connector 2 – Not supported
8	Service interfaces SNI1	23	Ethernet connector 1 – Not supported
9	Service interfaces SNI12	24	USB ports
10	Service interfaces SNI11	25	Rear video connector
11	Service interfaces SNI10	26	Serial connector (default baud rate 115200)
12	Service interfaces SNI9	27	iDRAC Ethernet interface
13	Service interfaces SNI13	28	System identification button
14	Service interfaces SNI14	29	System identification indicator
15	Service interfaces SNI15		

Figure 2-11: DMF Service Node (DCA-DM-SDL2) Rear Panel



The following lists the meaning of the callouts in the rear panel.

1 Service interfaces SNI4
2 Service interfaces SNI3
3 Service interfaces SNI8
4 Service interfaces SNI7
5 Service interfaces SNI2
6 Service interfaces SNI14
7 Service interfaces SNI13
8 Service interfaces SNI10
9 Service interfaces SNI9
10 Service interfaces SNI1
11 Service interfaces SNI11
12 Service interfaces SNI12
13 Service interfaces SNI15
14 Service interfaces SNI16
15 Power supply 2
16 PSU status indicator
17 Power supply 1
18 Ethernet connector 4 – Service Node management port 2 (10/100/1000Mb/s)
19 Ethernet connector 3 – Service Node management port 1 (10/100/1000Mb/s)
20 Ethernet connector 2 – Not supported
21 Ethernet connector 1 – Not supported
22 USB ports
23 Rear video connector
24 Serial connector (default baud rate 115200)
25 iDRAC Ethernet interface
26 System identification button
27 System identification indicator
28 Service interfaces SNI5
29 Service interfaces SNI6

2.2.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
LED panel	Blue background: Normal operating conditions	
	Amber background: Fault detected with error code followed by descriptive text	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Service Node Ethernet connectors SNI1-16	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

2.2.2 Platform Management Tool

DMF Service Node (DCA-DM-SDL/DCA-DM-SDL2) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

2.2.3 Technical Specification

Service Node	**DCA-DM-SDL with 960GB SSD**
Processor	2 X Intel Xeon Silver 4116 2.1GHz, 16M cache, 9.6GT/s 2UPI, turbo, HT, 12C/24T, 85W, DDR4-2400
Form Factor (H X W X D)	2U Rack server (8.68cm x 43.40cm x 73.75cm)
Memory	12 X 8GB RDIMM, 3200MT/s, single rank
Hard drive	960GB SSD SATA mix use 6Gbps 512n 2.5in hot-plug AG drives
Networking	Embedded NIC: Intel X710 DP 10Gb DA/SFP+, +I350 DP 1Gb Ethernet Daughter card Network adapter: 4 X Intel X710 quad port 10Gb DA/SFP+, converged network adapters
Power	Dual, hot-plug, redundant power supplies (1+1) 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Service Node	**DCA-DM-SDL2 with 960GB SSD**
Processor	2 X Intel Xeon Silver 4116 2.1GHz, 16M cache, 9.6GT/s 2UPI, turbo, HT, 12C/24T, 85W, DDR4-2400
Form Factor (H X W X D)	2U Rack server (8.68cm x 43.40cm x 73.75cm)
Memory	12 X 8GB RDIMM, 3200MT/s, single rank
Hard drive	960GB SSD SATA mix use 6Gbps 512n 2.5in hot-plug AG drives
Networking	Embedded NIC: Intel X710 DP 10Gb DA/SFP+, +I350 DP 1Gb Ethernet Daughter card Network adapter: 8 X Intel XXV710 dual port 10/25GbE AFP28 PCIe adapters
Power	Dual, hot-plug, redundant power supplies (1+1) 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Service Node	**DCA-DM-SDL with 1.2TB HD**
Processor	2 X Intel Xeon Silver 4116 2.1GHz, 16M cache, 9.6GT/s 2UPI, turbo, HT, 12C/24T, 85W, DDR4-2400
Form Factor (H X W X D)	2U Rack server (8.68cm x 43.40cm x 73.75cm)
Memory	12 X 8GB RDIMM, 3200MT/s, single rank
Hard drive	1.2TB 10K RPM SAS 12Gbps 512n 2.5in hot-plug hard drives
Networking	Embedded NIC: Intel X710 DP 10Gb DA/SFP+, +I350 DP 1Gb Ethernet Daughter card Network adapter: 4 X Intel X710 quad port 10Gb DA/SFP+, converged network adapters
Power	Dual, Hot-plug, redundant power supplies (1+1) 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	Specification
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% relative humidity with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

2.3 DMF Service Node (DCA-DM-SEL) Specification

This section describes the LEDs for monitoring environmental and port status on the DMF Service Node (DCA-DM-SEL 960GB and 1.2TB, currently shipped appliances will have 960GB SSD).

The DMF Service Node (DCA-DM-SEL) is an enterprise-class, 2-socket, 2RU rack-mount hardware appliance designed for high density, performance, redundancy, and value. It has 16 SNIs.

Figure 2-12: DMF Service Node (DCA-DM-SEL with 960GB SSD) Bezel

1	System identification button / indicator	3	Power-on indicator / Power button
2	Service Node security bezel	4	USB ports

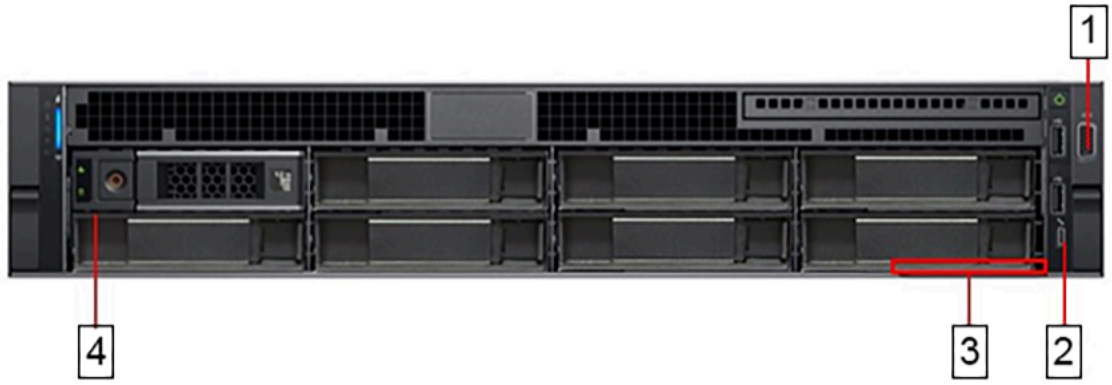
Figure 2-13: DMF Service Node (DCA-DM-SEL with 960GB SSD) Front Panel

1	Front video connector	3	Information tag
2	Micro USB (not supported)	4	Hard drive

Figure 2-14: DMF Service Node (DCA-DM-SEL with 1.2TB HD) Bezel

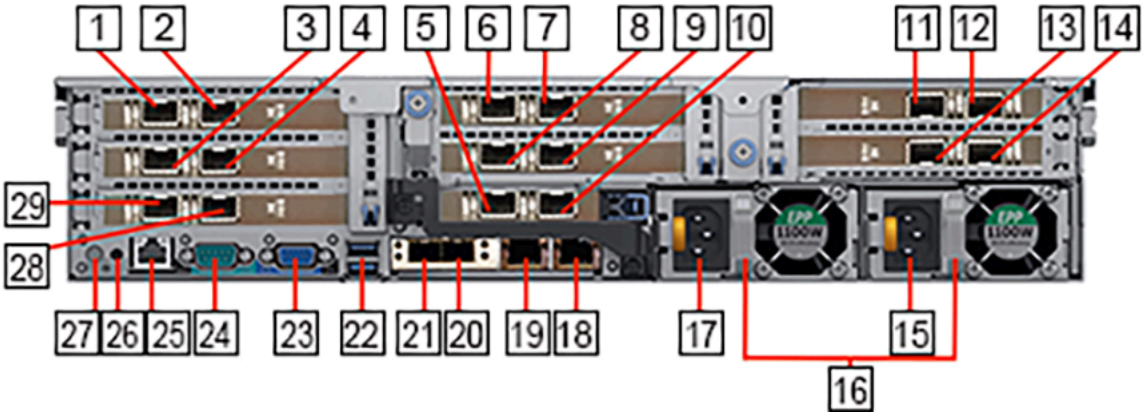
1	System identification button / indicator	4	LCD panel
2	Service Node security bezel	5	Power-on indicator / Power button
3	LCD menu buttons	6	USB ports

Figure 2-15: DMF Service Node (DCA-DM-SEL with 1.2TB HD) Front Panel)



1	Front video connector	3	Micro USB (not supported)
2	Micro USB (not supported)	4	Hard drive

Figure 2-16: DMF Service Node (DCA-DM-SEL) Rear Panel



The following lists the meaning of the callouts in the rear panel.

1	Service interfaces SNI4	16	PSU status indicator
2	Service interfaces SNI3	17	Power supply 1
3	Service interfaces SNI8	18	Ethernet connector 4 – Service Node management port 2 (10/100/1000Mb/s)
4	Service interfaces SNI7	19	Ethernet connector 3 – Service Node management port 1 (10/100/1000Mb/s)
5	Service interfaces SNI2	20	Ethernet connector 2 – Not supported
6	Service interfaces SNI14	21	Ethernet connector 1 – Not supported
7	Service interfaces SNI13	22	USB ports
8	Service interfaces SNI10	23	Rear video connector
9	Service interfaces SNI9	24	Serial connector (default baud rate 115200)
10	Service interfaces SNI1	25	iDRAC Ethernet interface
11	Service interfaces SNI11	26	System identification button
12	Service interfaces SNI12	27	System identification indicator
13	Service interfaces SNI15	28	Service interfaces SNI5
14	Service interfaces SNI16	29	Service interfaces SNI6
15	Power supply 2		

2.3.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
LED panel	Blue background: Normal operating conditions	
	Amber background: Fault detected with error code followed by descriptive text	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
25G SFP+ Service node Ethernet connectors SNI1-16	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

2.3.2 Platform Management Tool

DMF Service Node (DCA-DM-SEL) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

2.3.3 Technical Specification

Service Node	**DCA-DM-SEL with 960GB SSD**
Processor	2 X Intel Xeon Gold 6248 2.5GHz, 27.5M cache, 10.4GT/s, turbo, HT, 20C/40T, 150W, DDR4-2933
Form Factor (H X W X D)	2U Rack server (8.68cm x 43.40cm x 73.75cm)
Memory	24 X 16GB RDIMM, 2933MT/s, dual rank
Hard drive	960GB SSD SATA mix use 6Gbps 512 2.5in hot-plug AG drive
Networking	Embedded NIC: Intel X710 DP 10Gb DA/SFP+, +I350 DP 1Gb Ethernet Daughter card Network adapter: 8 X Intel XXV710 dual port 10/25GbE SFP28 PCIe adapters
Power	Dual, hot-plug, redundant power supplies (1+1) 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Service Node	**DCA-DM-SEL with 1.2TB HD**
Processor	2 X Intel Xeon Gold 6248 2.5GHz, 27.5M cache, 10.4GT/s, turbo, HT, 20C/40T, 150W, DDR4-2933
Form Factor (H X W X D)	2U Rack server (8.68cm x 43.40cm x 73.75cm)
Memory	24 X 16GB RDIMM, 2933MT/s, dual rank
Hard drive	1.2HD 10K RPM SAS 12Gbps 512 2.5in hot-plug hard drive
Networking	Embedded NIC: Intel X710 DP 10Gb DA/SFP+, +I350 DP 1Gb Ethernet Daughter card Network adapter: 8 X Intel XXV710 dual port 10/25GbE SFP28 PCIe adapters
Power	Dual, hot-plug, redundant power supplies (1+1) 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% relative humidity with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

2.4 DMF Service Node (DCA-DM-SN760L) Specification

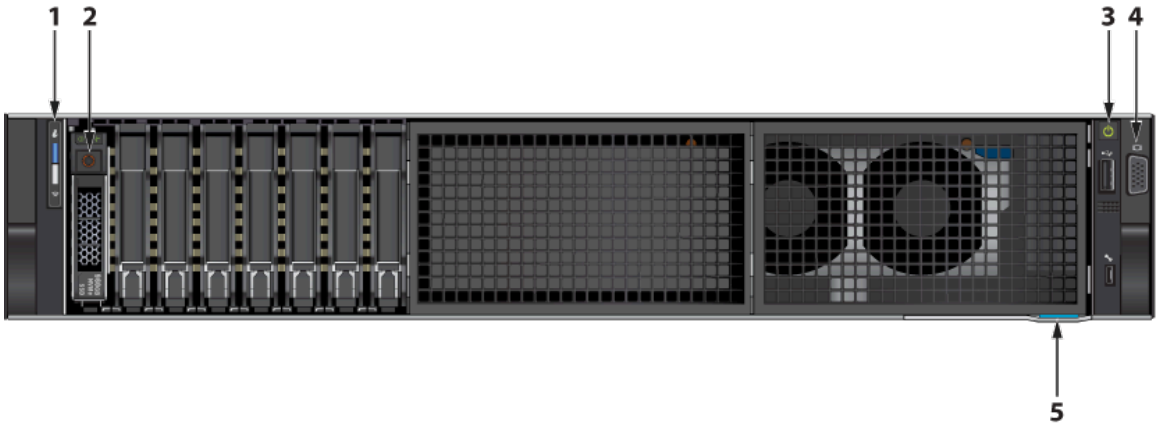
This section describes the LEDs for monitoring environmental and port status on the DMF Service Node (DCA-DM-SN760L.

The DMF Service Node (DCA-DM-SN760L) is an enterprise-class, 2-socket, 2RU rack-mount hardware appliance designed for high density, performance, redundancy, and value. It has one NVMe Direct Drive.

Figure 2-17: DMF Service Node (DCA-DM-SN760L) Bezel

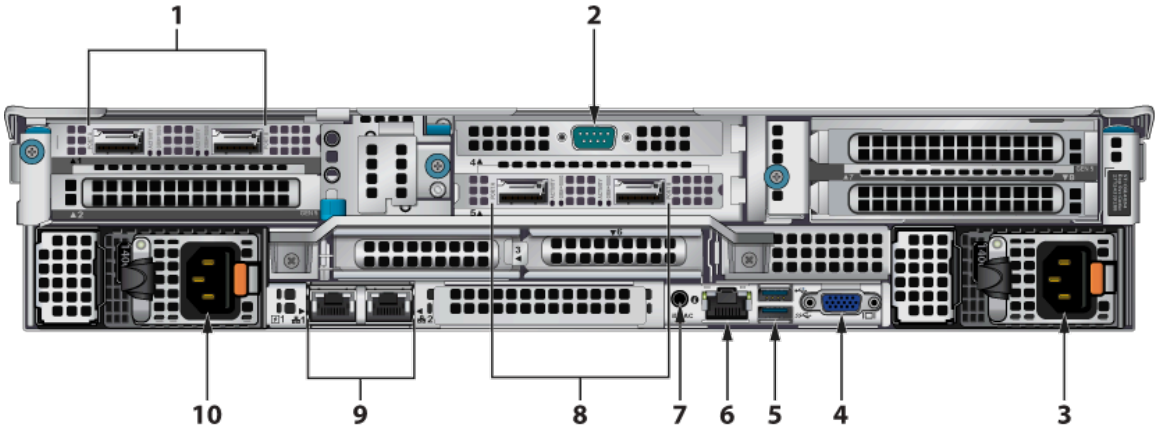
1	Service Node security bezel	3	LCD panel
2	LCD menu buttons		

Figure 2-18: DMF Service Node (DCA-DM-SN760L) Front Panel



1	System identification button / indicator	4	Video connector
2	SSD drive	5	Information tag
3	Power button		

Figure 2-19: DMF Service Node (DCA-DM-SN760L) Rear Panel



The following lists the meaning of the callouts in the rear panel.

1	100GbE SFP28 Service interface SNI1, 100GbE SFP28 Service interface SNI2	6	iDRAC Connector
2	Serial connector	7	iDRAC Indicator
3	Power supply 2	8	100GbE SFP28 Service interface SNI3, 100GbE SFP28 Service interface SNI4
4	Video connector	9	Ethernet connectors 1,2 – Service Node management port (10/100/1000Mb/s)
5	USB ports	10	Power supply 1

2.4.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
LED panel	Blue background: Normal operating conditions	
	Amber background: Fault detected with error code followed by descriptive text	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
100G SFP28 Service node Ethernet connectors	Link indicator	Green: Establishes a valid 100G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

2.4.2 Platform Management Tool

DMF Service Node (DCA-DM-SN760L) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

2.4.3 Technical Specification

Service Node	**DCA-DM-SN760L with 960GB NVMe Drive**
Processor	2 X Intel Xeon Platinum 8452Y 2GHz, 67.5M cache, 16GT/s, turbo, HT, 36C/72T, 300W, DDR5-4800, OEM XL
Form Factor (H X W X D)	2U Rack server (86.80cm x 43.40cm x 73.75cm)
Memory	16 X 32GB RDIMM, 5600MT/s, dual rank
Hard drive	960GB Data Center NVMe Read Intensive AG Drive U2 Gen4 with carrier
Networking	Embedded NIC: Broadcom 5720 Dual Port 1GbE Optional LOM No OCP 3.0 mezzanine Network adapter: 2 X Intel E810-2CQDA2 dual port 100GbE QSFP28 PCIe adapters iDRAC9, Enterprise 16G
Power	Dual, hot-plug, redundant power supplies (1+1) 1400W 2U
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% relative humidity with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

2.5 DMF Service Node (DCA-DM-SNR660) Specification

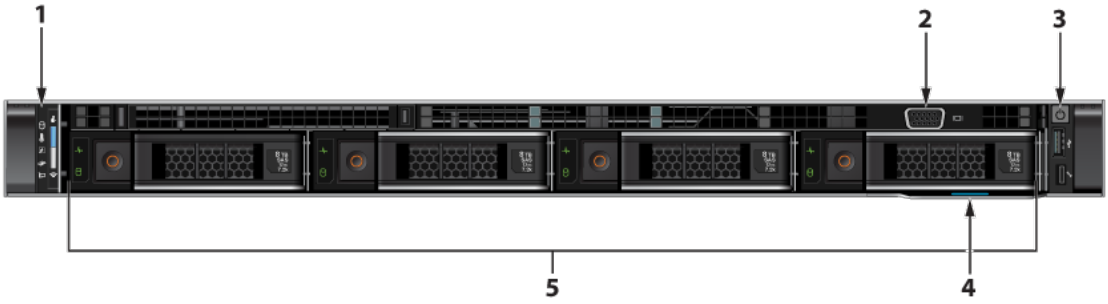
This section describes the LEDs for monitoring environmental and port status on the DMF Service Node (DCA-DM-SNR660 (4 X 8TB Hard Drives).

The DMF Service Node (DCA-DM-SNR660) is an enterprise-class, 2-socket, 1RU rack-mount hardware appliance designed for high density, performance, redundancy, and value.

Figure 2-20: DMF Service Node (DCA-DM-SNR660) Bezel

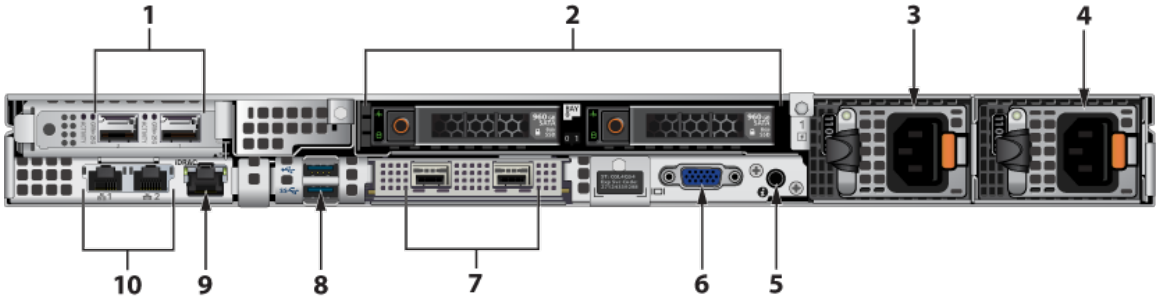
1	Security bezel	2	LCD Menu button

Figure 2-21: DMF Service Node (DCA-DM-SNR660) Front Panel



1	System identification button / indicator	4	Information tag
2	Video connector	5	Hard drives
3	Power Button		

Figure 2-22: DMF Service Node (DCA-DM-SNR660) Rear Panel



The following lists the meaning of the callouts in the rear panel.

1	10/25GbE SFP28 Service interface SNI1, 10/25GbE SFP28 Service interface SNI2	6	Video Connector
2	SSD Drives	7	10/25GbE SFP28 Service interface SNI3, 10/25GbE SFP28 Service interface SNI4
3	Power supply 1	8	USB ports
4	Power supply 2	9	iDRAC Connector
5	System identification indicator	10	Ethernet connectors 1, 2 – Service Node Management port (10/100/1000Mb/s)

2.5.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
LED panel	Blue background: Normal operating conditions	
	Amber background: Fault detected with error code followed by descriptive text	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10/25G SFP28 Service node Ethernet connectors	Link indicator	Green: Establishes a valid 10/25G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

2.5.2 Platform Management Tool

DMF Service Node (DCA-DM-SNR660) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

2.5.3 Technical Specification

Service Node	DCA-DM-SNR660
Processor	1 X Intel Xeon Gold 5418Y 2GHz, 45M cache, 16GT/s, turbo, HT, 24C/48T, 185W, DDR5-4400, OEM XL
Form Factor (H X W X D)	1RU Rack server (42.80cm x 43.40cm x 71.30cm)
Memory	8 X 16GB RDIMM, 5600MT/s, single rank
Hard drive	2X 960GB SSD SATA Mix Use 6Gbps 512 2.5in Flex Bay AG Drive, 3 DWPD 4X 8TB Hard Drive SAS ISE 12Gbps 7.2K 512e 3.5in Hot-Plug, AGDrive 1 X 480GB NVMe Drive
Networking	Embedded NIC: Intel E810-XXV dual port 10/25GbE SFP28 OCP 3.0 mezzanine Daughter card Network adapter: Intel E810-XXV dual port 10/25GbE SFP28 PCIe adapters iDRAC9, Enterprise 16G
Power	Dual, hot-plug, redundant power supplies (1+1) 1100W MM (100-240Vac) Titanium
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	Specification
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% relative humidity with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

Chapter 3

Arista Analytics Nodes

This chapter describes the Arista Analytics Nodes available from Arista Networks.

3.1 Arista Analytics Node (DCA-DM-AA3) Specification

This section describes the LEDs for monitoring environmental and port status on the Arista Analytics Node (DCA-DM-AA3).

The Arista Analytics Node (DCA-DM-AA3) is an enterprise-class, 2-socket, 1 RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

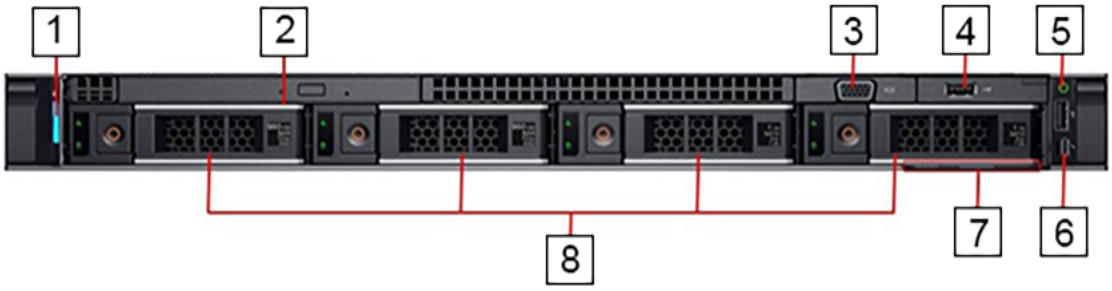
Figure 3-1: Arista Analytics Node (DCA-DM-AA3) Bezel

1 Analytics Node security bezel

2 LCD menu buttons

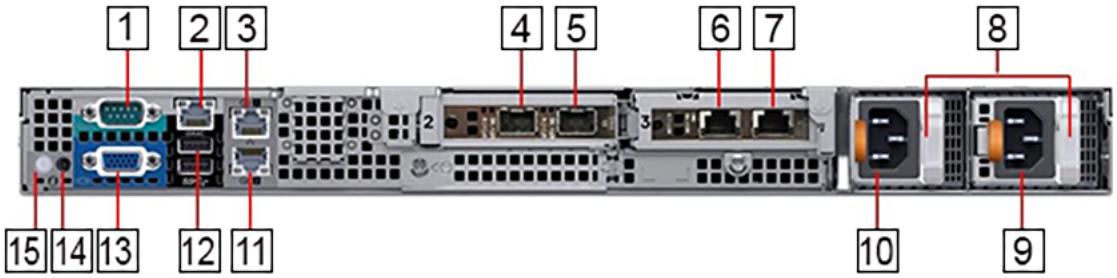
3 LCD panel

Figure 3-2: Arista Analytics Node (DCA-DM-AA3) Front Panel



1	System identification button / indicator	5	Power-on indicator / Power button
2	Optical drive	6	Micro USB (not supported)
3	Video connector	7	Information tag
4	USB ports	8	Hard drives

Figure 3-3: Arista Analytics Node (DCA-DM-AA3) Rear Panel



The following lists the meaning of the callouts in the rear panel.

1	Serial connector (default baud rate 115200)	9	Power supply 2
2	iDRAC Ethernet interface	10	Power supply 1
3	Ethernet connector 1 – Analytics Node management port 1, active (10/100/1000Mb/s)	11	Ethernet connector 2 – Analytics Node management port 2, backup (10/100/1000Mb/s)
4	Ethernet connector 3 – Analytics Node 10GbE SFP+ Collector Interface 1, active	12	USB ports
5	Ethernet connector 4 – Analytics Node 10GbE SFP+ Collector Interface 2, backup	13	Video connector
6	Ethernet connector 5 – Not supported	14	System identification button
7	Ethernet connector 6 – Not supported	15	System identification indicator
8	PSU status indicators		

3.1.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 3, 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

3.1.2 Platform Management Tool

Arista Analytics Node (DCA-DM-AA3) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: Remote power management, virtual console.

3.1.3 Technical Specification

Analytics Node	DCA-DM-AA3
Processor	2 x Intel Xeon Silver 4114 2.20GHz, 10 cores, 20 threads, 9.6GT/s 2UPI, 14M cache, turbo, HT, 85W, DDR4-2400
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	8 X 16GB RDIMM, 2666MT/s
Hard drive	2 X 960GB SSD SAS hot-plug drive 2 X 1TB 7.2K RPM SATA 6Gbps 3.5in hot-plug hard drives; no RAID, PERC H330+
Networking	Embedded NIC: 2 X 1GbE LOM Network adapter 1: Intel X710 dual port 10Gb DA/SFP+ server adapter Network adapter 2: Intel X550 dual port 10Gb Base-T server adapter
Power	2 X Hot-plug power supplies 550W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	Specification
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

3.2 Arista Analytics Node (DCA-DM-AN450) Specification

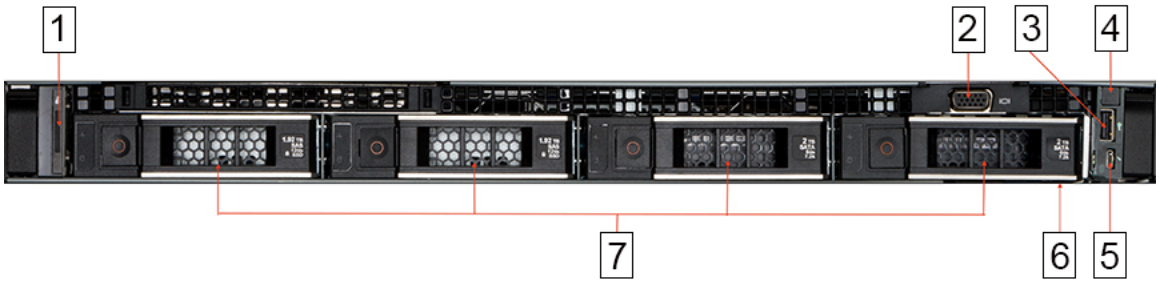
This section describes the LEDs or monitoring environmental and port status on the Arista Analytics Node (DCA-DM- AN450).

The Arista Analytics Node (DCA-DM-AN450) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

Figure 3-4: DMF Analytics Node (DCA-DM-AN450) Bezel

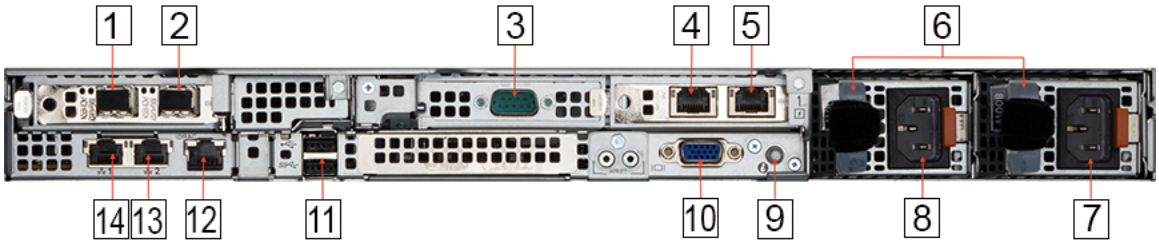
1	Controller Node security bezel
2	LCD menu buttons
3	LCD panel

Figure 3-5: DMF Analytics Node (DCA-DM-AN450) Front Panel



1	System identification button / indicator	5	Micro USB (not supported)
2	Video connector	6	Information tag
3	USB ports	7	Hard drives
4	Power-on indicator / Power button		

Figure 3-6: DMF Analytics Node (DCA-DM-AN450) Rear Panel



1	Ethernet connector 3 – 10GbE SFP+ Collector Interface	8	Power supply 1
2	Ethernet connector 4 – 10GbE SFP+ Collector Interface	9	System identification indicator/button
3	Serial connector (default baud rate 115200)	10	Video connector
4	Ethernet connector 5 – Not supported	11	USB ports
5	Ethernet connector 6 – Not supported	12	iDRAC Ethernet interface
6	PSU status indicators	13	Ethernet connector 2 – Analytics Node management port 2 (10/100/1000Mb/s)
7	Power supply 2	14	Ethernet connector 1 – Analytics Node management port 1 (10/100/1000Mb/s)

3.2.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

3.2.2 Platform Management Tool

Arista Analytics Node (DCA-DM-AN450) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

3.2.3 Technical Specification

Analytics Node	**DCA-DM-AN450**
Processor	2 x Intel Xeon Silver 4310 2.10GHz, 12 cores, 24 threads, 10.4GT/s 2UPI, 18M cache, turbo, HT, 120W, DDR4-2666
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	8 X 16GB RDIMM, 3200MT/s
Hard drive	2 X 1.92TB SSD vSAS mixed use 12Gbps 3.5in; AG drive SED, 3DWPD 2 X 2TB 7.2K RPM SATA 6Gbps 3.5in hot-plug hard drives; No RAID, PERC H355
Networking	Embedded NIC: 2 X 1GbE LOM (BCM5720) Network adapter 1: Intel X710 dual port 10Gb SFP+ adapter Network adapter 2: Intel X710-T2L dual port 10Gb Base-T adapter
Power	2 X Hot-plug power supplies 800W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

3.3 Arista Analytics Node (DCA-DM-AN660) Specification

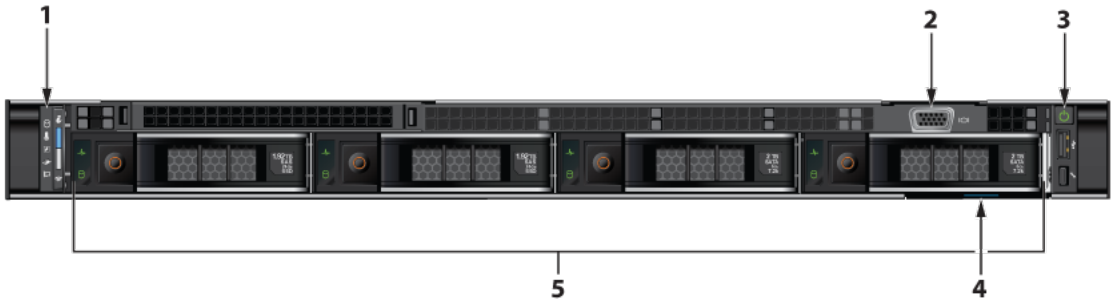
This section describes the LEDs or monitoring environmental and port status on the Arista Analytics Node (DCA-DM- AN660).

The Arista Analytics Node (DCA-DM-AN660) is an enterprise-class, 2-socket, 1-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis.

Figure 3-7: DMF Analytics Node (DCA-DM-AN660) Bezel

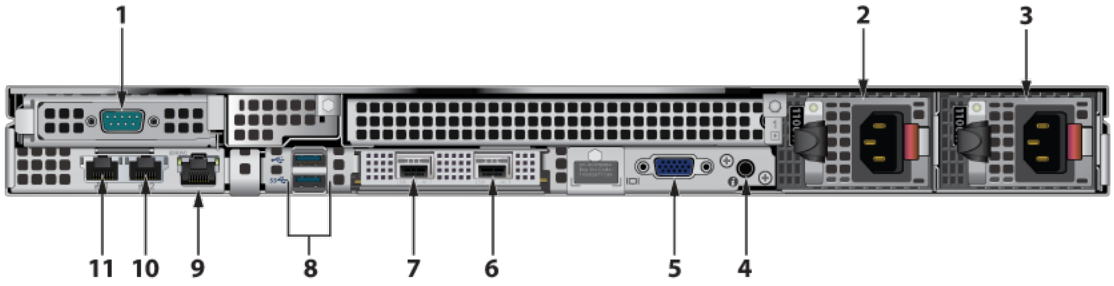
1	Controller Node security bezel
2	LCD menu buttons
3	LCD panel

Figure 3-8: DMF Analytics Node (DCA-DM-AN660) Front Panel



1	System identification button / indicator	4	Information tag
2	Video connector	5	Hard drives
3	Power-on indicator / Power button		

Figure 3-9: DMF Analytics Node (DCA-DM-AN660) Rear Panel



1	Serial connector (default baud rate 115200)	7	Ethernet connector 2 – 10/25GbE SFP28 Collector Interface
2	Power supply 1	8	USB ports
3	Power supply 2	9	iDRAC Ethernet interface
4	System identification indicator/button	10	Ethernet connector 3 – Analytics Node management port 1 (10/100/1000Mb/s)
5	Video connector	11	Ethernet connector 4 – Analytics Node management port 2 (10/100/1000Mb/s)
6	Ethernet connector 1 – 10/25GbE SFP28 Collector Interface		

3.3.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 1, 2	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G SFP+ Ethernet connector 4	Link indicator	Green: Establishes a valid 10G network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

3.3.2 Platform Management Tool

Arista Analytics Node (DCA-DM-AN660) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: remote power management, virtual console.

3.3.3 Technical Specification

Analytics Node	**DCA-DM-AN660**
Processor	2 X Intel Xeon Silver 4410Y 2GHz, 12 cores, 24 threads, 16GT/s 30M cache, turbo, HT, 150W, DDR5-4000, OEM XL
Form Factor (H X W X D)	1-RU Rack server (4.28cm x 43.4cm x 69.3cm)
Memory	8 X 16GB RDIMM, 5600MT/s, Single Rank
Hard drive	2 X 1.92TB SSD SAS ISE, Read Intensive, up to 24Gbps 512e 2.5in with 3.5in HYB CARR, AG Drive 2 X 2TB Hard Drive SATA 6Gbps 7.2K 512n 3.5in Hot-Plug
Networking	Embedded NIC: Dual 1GbE LOM (BCM5720) Network adapter 1: Intel E810-XXV Dual Port 10/25GbE SFP28, OCP NIC 3.0
Power	Dual, Redundant(1+1), Hot-Plug Power Supply,1100W MM(100- 240Vac) Titanium
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	5°C to 40°C (41°F to 104°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	5% to 85% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% at a maximum wet bulb temperature of 33°C (91°F), atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

Chapter 4

DMF Recorder Nodes

This chapter describes the DMF Recorder Nodes available from Arista Networks.

4.1 DMF Recorder Node (DCA-DM-RA3) Specification

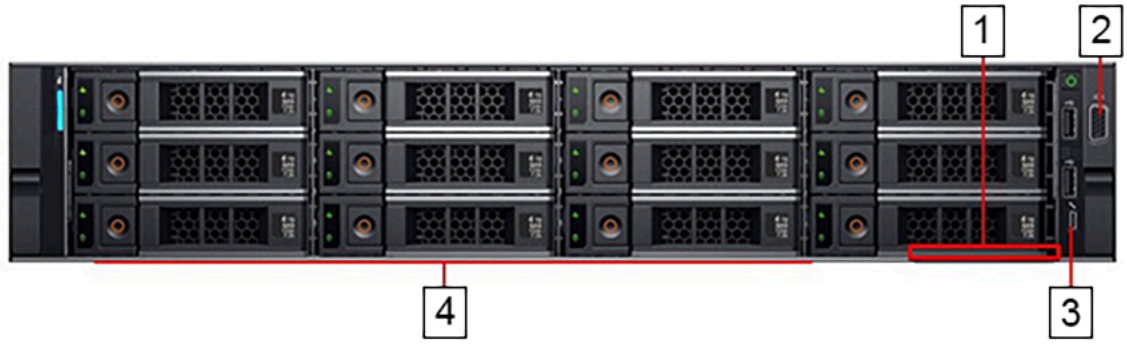
This section describes the LEDs for monitoring environmental and port status on the DMF Recorder Node (DCA-DM-RA3).

The DMF Recorder Node (DCA-DM-RA3) is an enterprise-class, 2-socket, 2-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis. It has 192TB data storage capacity.

Figure 4-1: DMF Recorder Node (DCA-DM-RA3) Bezel

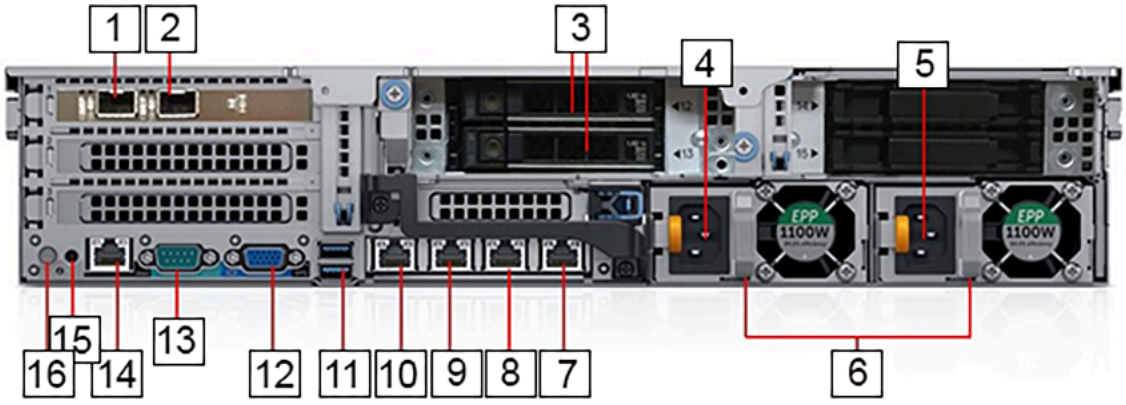
1	System identification button / indicator	4	LCD panel
2	Recorder Node security bezel	5	Power-on indicator / Power button
3	LCD menu buttons	6	USB port

Figure 4-2: DMF Recorder Node (DCA-DM-RA3) Front Panel



1	Information tag	3	Micro USB (not supported)
2	Video connector	4	Hard drives

Figure 4-3: DMF Recorder Node (DCA-DM-RA3) Rear Panel



1	Ethernet connector 1 – Not supported	9	Ethernet connector 4 – Recorder Node management port 2, backup (10/100/1000Mb/s)
2	Ethernet connector 2 – 10/25GbE SFP28 Recorder Interface	10	Ethernet connector 3 – Recorder Node management port 1, active (10/100/1000Mb/s)
3	SSD drives	11	USB ports
4	Power supply 1	12	Video connector
5	Power supply 2	13	Serial connector (default baud rate 115200)
6	PSU status indicators	14	iDRAC Ethernet interface
7	Ethernet connector 6 – Not supported	15	System identification button
8	Ethernet connector 5 – Not supported	16	System identification indicator

4.1.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 3, 4	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G/25G SFP28 Ethernet connector 2	Link indicator	Green: Establishes a valid 25G network link
		Amber: Establishes a valid 10G network link
		Green blinking: Recorder port indicator - detects no transceiver or link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

4.1.2 Platform Management Tool

DMF Recorder Node (DCA-DM-RA3) supports iDRAC 9 platform management tools.

- iDRAC 9 supported features: Remote power management, virtual console.

4.1.3 Technical Specification

Recorder Node	**DCA-DM-RA3**
Processor	2 x Intel Xeon Gold 6248 2.5GHz, 20 cores, 40 threads, 10.4GT/s, 27.5M cache, turbo, HT, 150W, DDR4-2933
Form Factor (H X W X D)	2-RU Rack server (8.68cm x 43.4cm x 71.6cm)
Memory	16 X 16GB RDIMM, 2933MT/s, dual rank
Hard drive	12 X 12TB 7.2K RPM NLSAS 12Gbps 512e 3.5in hot-plug hard drives 4 X 12TB 7.2K RPM NLSAS 12Gbps 512e 3.5in Internal hard drives 2 X 7.68TB SSD SAS read intensive 12Gb 512e 2.5in Flex Bay drives
Networking	Embedded NIC: Intel X550 dual port 10Gb Base-T + I350 dual port 1Gb Base-T rNDC adapter Network adapter 1: Intel XXV710 dual port 10/25GbE SFP28 PCIe server adapter, full height
Power	2 X Hot-plug power supplies 1100W
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	**Specification**
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% RH with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

4.2 DMF Recorder Node (DCA-DM-RN760/DCA-DM-RN760L) Specification

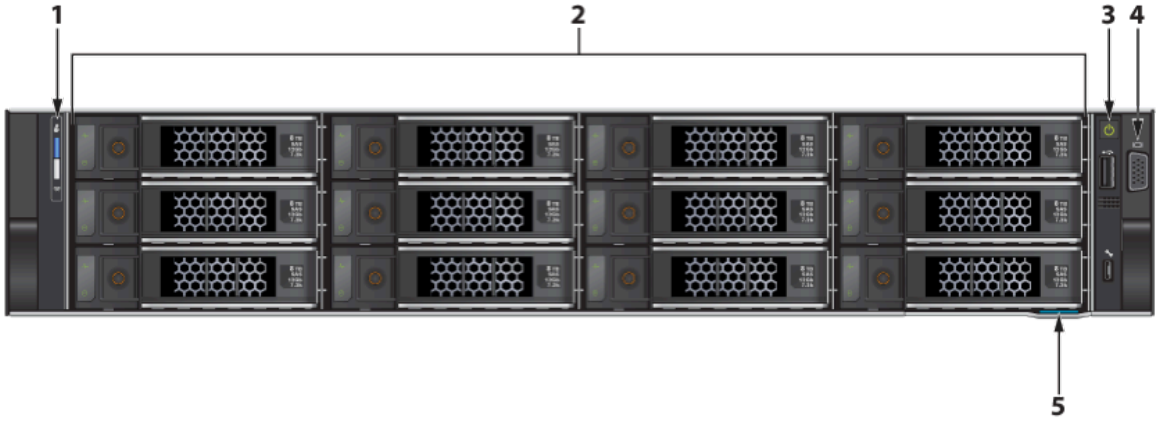
This section describes the LEDs for monitoring environmental and port status on the DMF Recorder Node (DCA-DM-RN760/DCA-DM-RN760L).

The DMF Recorder Nodes (DCA-DM-RN760/DCA-DM-RN760L) are an enterprise-class, 2-socket, 2-RU rack-mounted hardware appliance designed to deliver the right combination of performance, redundancy, and value in a high-density chassis. The DMF Recorder Node DCA-DM-RN760 has 12 X 8TB data storage capacity, and DCA-DM-RN760L has 12 X 16TB data storage capacity.

Figure 4-4: DMF Recorder Node (DCA-DM-RN760/DCA-DM-RN760L) Bezel

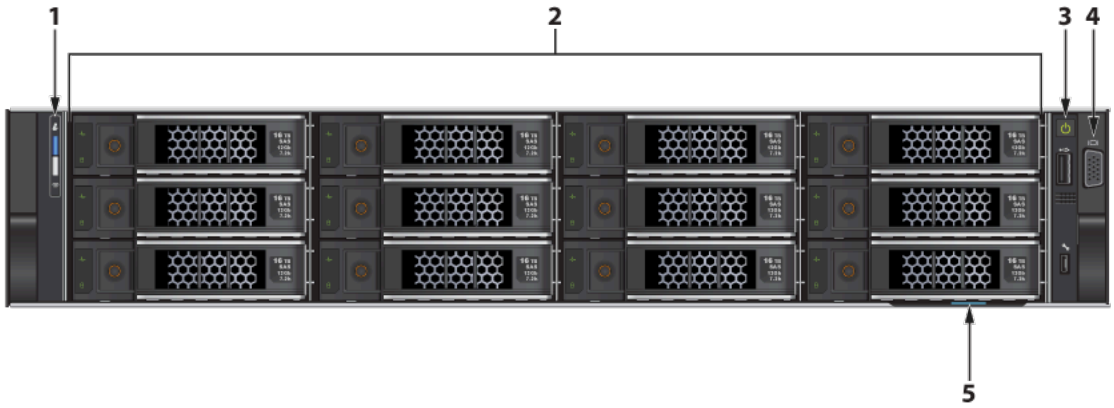
1	Recorder Node security bezel	3	LCD panel
2	LCD menu button		

Figure 4-5: DMF Recorder Node (DCA-DM-RN760) Front Panel



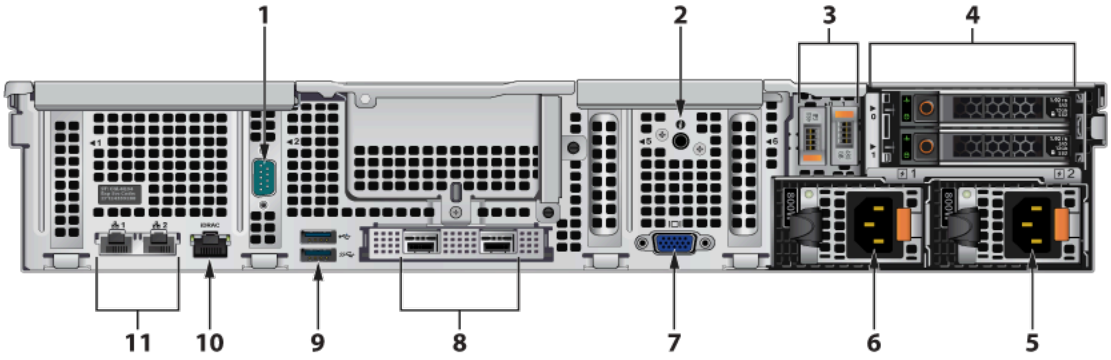
1	System identification button / indicator	4	Video connector
2	Hard drives	5	Information tag
3	Power Button		

Figure 4-6: DMF Recorder Node (DCA-DM-RN760L) Front Panel



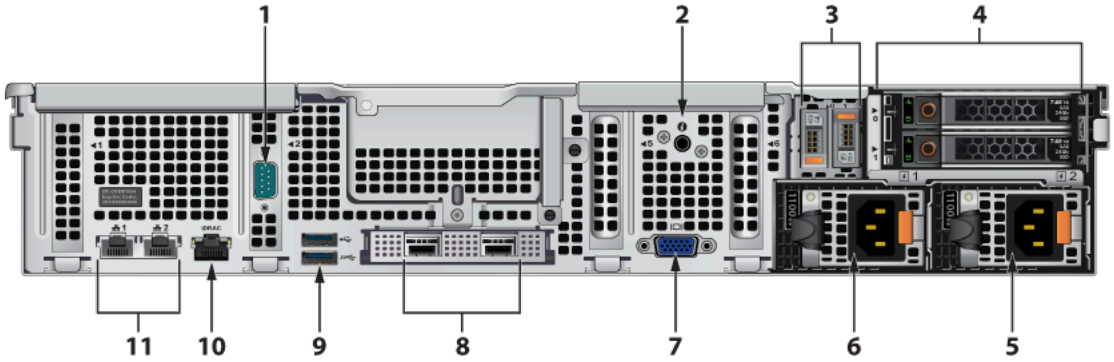
1	System identification button / indicator	4	Video connector
2	Hard drives	5	Information tag
3	Power Button		

Figure 4-7: DMF Recorder Node (DCA-DM-RN760) Rear Panel



1	Serial Connector	7	Video connector
2	System identification indicator	8	10/25GbE SFP28 Recorder Interfaces: • Left: Not Supported • Right: Supported
3	NVMe drives	9	USB ports
4	SSD drives	10	iDRAC Connector
5	Power supply 2	11	Ethernet connectors 1, 2 – Recorder Node management port, active (10/100/1000Mb/s)
6	Power supply 1		

Figure 4-8: DMF Recorder Node (DCA-DM-RN760L) Rear Panel



1	Serial Connector	7	Video connector
2	System identification indicator	8	10/25GbE SFP28 Recorder Interfaces • Left: Not Supported • Right: Supported
3	NVMe drives	9	USB ports
4	SSD drives	10	iDRAC Connector
5	Power supply 2	11	Ethernet connectors 1, 2 – Recorder Node management port, active (10/100/1000Mb/s)
6	Power supply 1		

4.2.1 LEDs and Indicators

The following table lists the meaning of each LED or other indicator.

Indicator, Button, or Connector	Description	
Power-on indicator	Green: System power is on	
	Off: System power is off	
System identification indicator in front panel	Off: Normal operating conditions	
	Blue blinking: Activates system identification	
System identification indicator in rear panel	Blue: Normal operation condition	
	Blue blinking: Activates system identification	
	Amber blinking: Fault detected with error code followed by descriptive text in LCD panel	
10/100/1000Mbps Ethernet connector 3, 4	Link indicator	Green: Establishes a valid 1000Mb/s network link
		Amber: Establishes a valid 10/100Mb/s network link
		Off: Link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
10G/25G SFP28 Ethernet connector 2	Link indicator	Green: Establishes a valid 25G network link
		Amber: Establishes a valid 10G network link
		Green blinking: Recorder port indicator - detects no transceiver or link is down
	Activity indicator	Green blinking: Sends or receives Network data
		Off: No link activity
Power supply status	Green: The power supply has a valid power source and is operational.	
	Amber blinking: Indicates a problem with the power supply	
	Off: Power is off	

4.2.2 Platform Management Tool

DMF Recorder Nodes (DCA-DM-RN760/DCA-DM-RN760L) support iDRAC 9 platform management tools.

- iDRAC 9 supported features: Remote power management, virtual console.

4.2.3 Technical Specification

Recorder Node	**DCA-DM-RN760**
Processor	2 x Intel Xeon Gold 6442Y 2.6GHz, 24 cores, 48 threads, 16GT/s, 60M cache, turbo, HT, 225W, DDR5-4800
Form Factor (H X W X D)	2-RU Rack server (86.8cm x 43.40cm x 68.58cm)
Memory	8 X 16GB RDIMM, 5600MT/s, single rank
Hard drive	12 X 8TB 7.2K SAS ISE 12Gbps 512e 3.5in hot-plug AG drives 2 X 1.92TB SSD vSAS read intensive, 12Gbps 512e 2.5in Flex Bay AG drives SED 1DWPD 2 X 480GB NVMe Drive
Networking	Embedded NIC: Broadcom 5720 Dual Port 1Gb On-Board LOM adapter Network adapter 1: Intel E810-XXV dual port 10/25GbE, SFP28, OCP NIC 3.0 adapter iDRAC9, Enterprise 16G
Power	Dual, Redundant(1+1), Hot-Plug Power Supply,1100W MM (100-240Vac) Titanium
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Recorder Node	**DCA-DM-RN760L**
Processor	2 x Intel Xeon Gold 6442Y 2.6GHz, 24 cores, 48 threads, 16GT/s, 60M cache, turbo, HT, 225W, DDR5-4800
Form Factor (H X W X D)	2-RU Rack server (86.8cm x 43.40cm x 68.58cm)
Memory	16 X 16GB RDIMM, 5600MT/s, single rank
Hard drive	12 X 16TB 7.2K SAS ISE 12Gbps 512e 3.5in hot-plug AG drives 2 X 7.68TB SSD ISE read intensive, 24Gbps 512e 2.5in Flex Bay AG drives 2 X 480GB NVMe Drive
Networking	Embedded NIC: Broadcom 5720 Dual Port 1Gb On-Board LOM adapter Network adapter 1: Intel E810-XXV dual port 10/25GbE, SFP28, OCP NIC 3.0 adapter iDRAC9, Enterprise 16G
Power	Dual, Redundant(1+1), Hot-Plug Power Supply,1100W MM (100-240Vac) Titanium
Additional features	Fan fault tolerance; ECC memory; interactive LCD screen; ENERGY STAR® compliant

Environment	Specification
Temperature – Continuous	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Temperature - Storage	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Relative humidity – Continuous	10% to 80% with 29°C (84.2°F) maximum dew point
Relative humidity – Storage	5% to 95% RH with 33°C (91°F) maximum dew point, atmosphere must be non-condensing at all times
Altitude – Continuous	3048m (10,000ft)
Altitude – Storage	12,000m (39,370ft)

Chapter 5

Arista Supported Hardware

This chapter describes the hardware available from Arista to use with the current release of DANZ Monitoring Fabric.

5.1 Arista 7050CX3-32C/32S Specifications

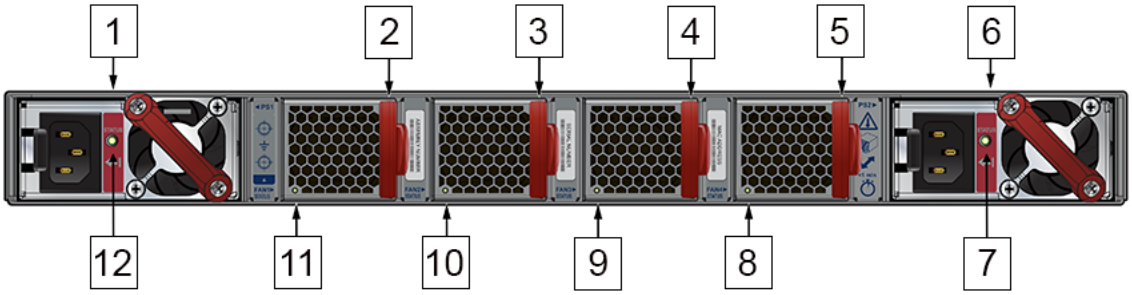
This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050CX3-32C/32S switches.

5.1.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-1: Port and Environmental LEDs (Front Panel)

1	Port 33 1/10GbE	8	Console port (default baud rate 9600)
2	Management port	9	Port X:4 Breakout 10/25GbE Link/Activity LED
3	System status/locator LED	10	Port X:3 Breakout 10/25GbE Link/Activity LED
4	Fan status LED	11	Port X:2 Breakout 10/25GbE Link/Activity LED
5	Power supply 1 status LED	12	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED
6	Power supply 2 status LED	13	Port 34 1/10GbE (Not supported)
7	USB port		

Figure 5-2: Port and Environmental LEDs (Rear Panel)



1	PS1 module	7	PS2 status LED
2	Fan1 module	8	Fan4 status LED
3	Fan2 module	9	Fan3 status LED
4	Fan3 module	10	Fan2 status LED
5	Fan4 module	11	Fan1 status LED
6	PS2 module	12	PS1 status LED

5.1.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GbE SFP 10GbE SFP+	Link status	Green: Establishes a valid 1/10GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

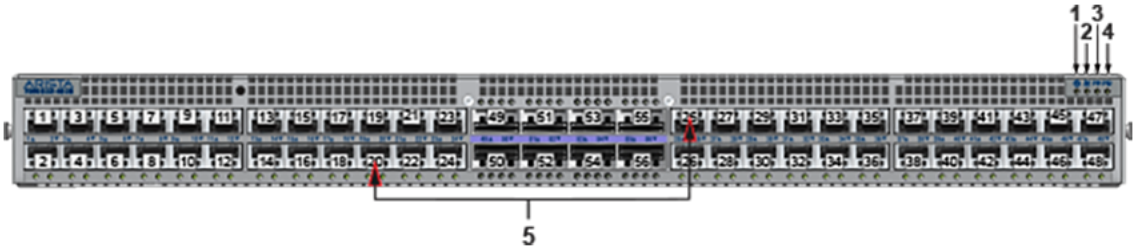
Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.2 Arista 7050SX3-48C8/48C8C Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050SX3-48C8/48C8C switches.

5.2.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-3: Port and Environmental LEDs (Front Panel)



1	System status LED	4	Power supply 2 status LED
2	Fan status LED	5	Port numbers
3	Power supply 1 status LED		

Figure 5-4: Port and Environmental LEDs (Rear Panel)

1	PS1 status LED	7	Fan2 status LED
2	Management port	8	Fan1 status LED
3	Fan1 module	9	USB port
4	Fan2 module	10	Console port (default baud rate 9600)
5	PS2 status LED	11	PS1 module
6	PS2 module		

5.2.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GbE SFP 10GbE SFP+	Link status	Green: Establishes a valid 1/10GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

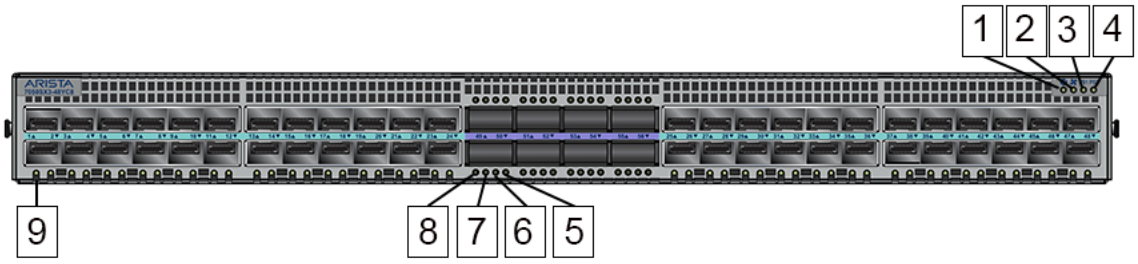
Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.3 Arista 7050SX3-48YC8/48YC8C Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050SX3-48YC8/48YC8C switches.

5.3.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-5: Port and Environmental LEDs (Front Panel)



1	System status/locator LED	6	Port X:3 Breakout 10/25GbE Link/Activity LED
2	Fan status LED	7	Port X:2 Breakout 10/25GbE Link/Activity LED
3	Power supply 1 status LED	8	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED
4	Power supply 2 status LED	9	1/10/25GbE Link LED
5	Port X:4 Breakout 10/25GbE Link/Activity LED		

Figure 5-6: Port and Environmental LEDs (Rear Panel)

1	PS1 status LED	7	Fan2 status LED
2	Management port	8	Fan1 status LED
3	Fan1 module	9	USB port
4	Fan2 module	10	Console port (default baud rate 9600)
5	PS2 status LED	11	PS1 module
6	PS2 module		

5.3.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GbE SFP 10GbE SFP+ 25GbE SFP28	Link status	Green: Establishes a valid 1/10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.4 Arista 7050SX3-48YC12 Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050SX3-48YC12 switch.

Note: The SFP28 interface speed on the Arista 7050SX3-48YC12 must be the same on all the interfaces in each group of the following interfaces quadrants.

- Interface 1-4
- Interface 5-8
- Interface 9-12
- Interface 13-16
- Interface 17-20
- Interface 21-24
- Interface 25-28
- Interface 29-32
- Interface 33-36
- Interface 37-40
- Interface 41-44
- Interface 45-48

The speed of the first optical cable inserted into a group is automatically detected, which sets the speed for all the interfaces in the group.

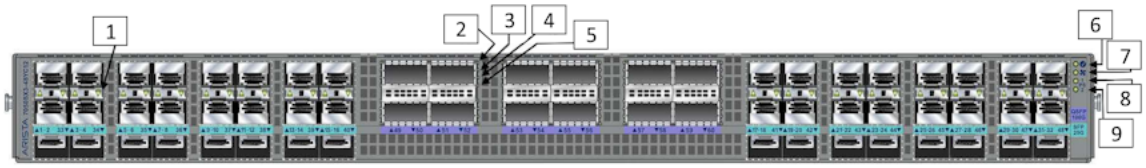
For example, if the first group (interface 1-4) is empty and when inserting a 25G cable into Interface 2, interfaces 1 to 4 are all automatically set to 25G, and no other speed is allowed in the group.

If you later insert a 10G cable into any interface in the group, the system does not bring up the 10G interface. You can bring up the 10G interface only if no cable of a different speed is present in any interface in the group.

Only the first interface connected is enabled when cables of different speeds are present in interfaces within a single group. However, when the switch restarts later with the cables inserted, the first interface in the group numerically is enabled. For example, with a 25G cable in Interface 2 and a 10G cable in Interface 1, interface 1 is enabled at 10G when the switch restarts and all the interfaces are at 10.

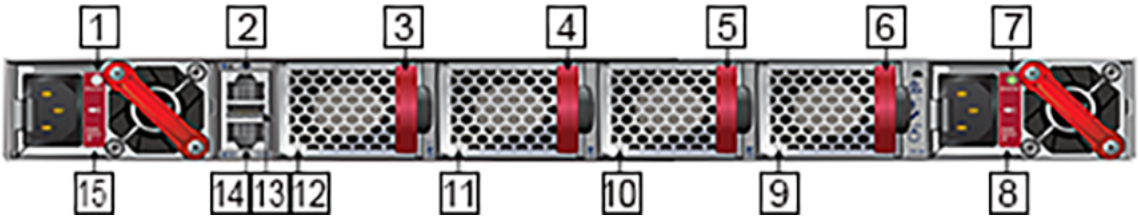
5.4.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-7: Port and Environmental LEDs (Front Panel)



1	1/10/25GbE Link LED	6	System status/locator LED
2	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED	7	Fan status LED
3	Port X:2 Breakout 10/25GbE Link/Activity LED	8	Power supply 1 status LED
4	Port X:3 Breakout 10/25GbE Link/Activity LED	9	Power supply 2 status LED
5	Port X:4 Breakout 10/25GbE Link/Activity LED		

Figure 5-8: Port and Environmental LEDs (Rear Panel)



1	PS1 status LED	9	Fan4 status LED
2	Management port	10	Fan3 status LED
3	Fan1 module	11	Fan2 status LED
4	Fan2 module	12	Fan1 status LED
5	Fan3 module	13	USB port
6	Fan4 module	14	Console port (default baud rate 9600)
7	PS2 status LED	15	PS1 module
8	PS2 module		

5.4.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GbE SFP 10GbE SFP+ 25GbE SFP28	Link status	Green: Establishes a valid 1/10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.5 Arista 7050SX3-96YC8 Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050SX3-96YC8 switch.

Note: The SFP28 interface speed on the Arista 7050SX3-96YC8 must be the same on all the interfaces in each group of the following interfaces quadrants.

- Interface 1-4
- Interface 5-8
- Interface 9-12
- Interface 13-16
- Interface 17-20
- Interface 21-24
- Interface 25-28
- Interface 29-32
- Interface 33-36
- Interface 37-40
- Interface 41-44
- Interface 45-48
- Interface 49-52
- Interface 53-56
- Interface 57-60
- Interface 61-64
- Interface 65-68
- Interface 69-72
- Interface 73-76
- Interface 77-80
- Interface 81-84
- Interface 85-88
- Interface 89-92
- Interface 93-96

The speed of the first optical cable inserted into a group is automatically detected, which sets the speed for all the interfaces in the group.

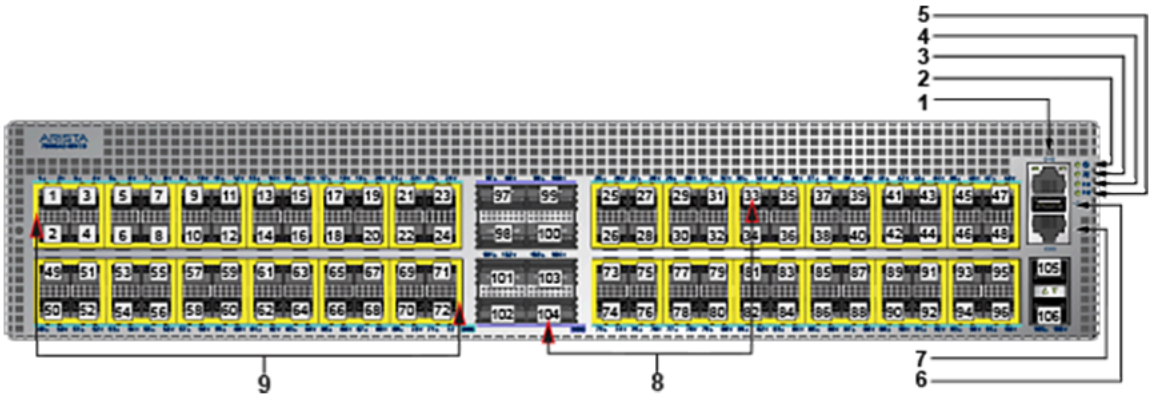
For example, if the first group (interface 1-4) is empty and when inserting a 25G cable into Interface 2, interfaces 1 to 4 are all automatically set to 25G, and no other speed is allowed in the group.

If you later insert a 10G cable into any interface in the group, the system does not bring up the 10G interface. You can bring up the 10G interface only if no cable of a different speed is present in any interface in the group.

Only the first interface connected is enabled when cables of different speeds are present in interfaces within a single group. However, when the switch restarts later with the cables inserted, the first interface in the group numerically is enabled. For example, with a 25G cable in Interface 2 and a 10G cable in Interface 1, interface 1 is enabled at 10G when the switch restarts and all the interfaces are at 10.

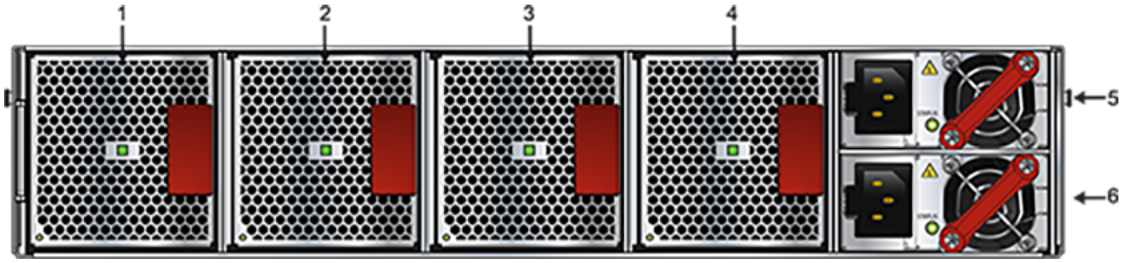
5.5.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-9: Port and Environmental LEDs (Front Panel)



1	1/10/25GbE Link LED	6	System status/locator LED
2	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED	7	Fan status LED
3	Port X:2 Breakout 10/25GbE Link/Activity LED	8	Power supply 1 status LED
4	Port X:3 Breakout 10/25GbE Link/Activity LED	9	Power supply 2 status LED
5	Port X:4 Breakout 10/25GbE Link/Activity LED		

Figure 5-10: Port and Environmental LEDs (Rear Panel)



1	Fan1 module	4	Fan4 module
2	Fan2 module	5	Power supply module 1
3	Fan3 module	6	Power supply module 2

5.5.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GbE SFP 10GbE SFP+ 25GbE SFP28	Link status	Green: Establishes a valid 1/10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

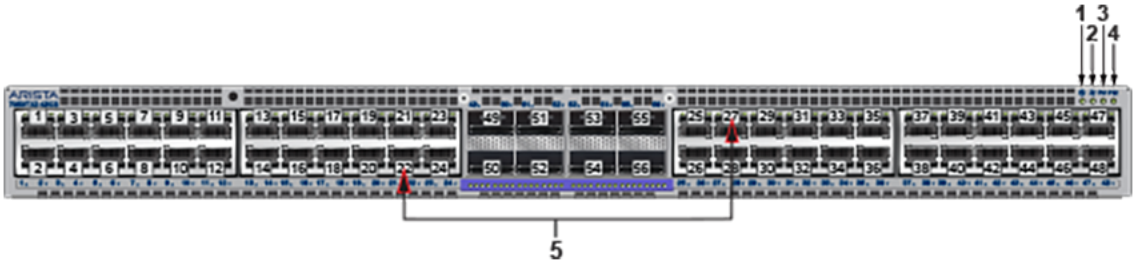
Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.6 Arista 7050TX3-48C8 Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7050TX3-48C8 switch.

5.6.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-11: Port and Environmental LEDs (Front Panel)



1	System status LED	4	Power supply 2 status LED
2	Fan status LED	5	Port numbers
3	Power supply 1 status LED		

Figure 5-12: Port and Environmental LEDs (Rear Panel)

1	PS1 status LED	7	Fan2 status LED
2	Management port	8	Fan1 status LED
3	Fan1 module	9	USB port
4	Fan2 module	10	Console port (default baud rate 9600)
5	PS2 status LED	11	PS1 module
6	PS2 module		

5.6.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GBase-T 10GBase-T	Link status	Green: Establishes a valid 1/10GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

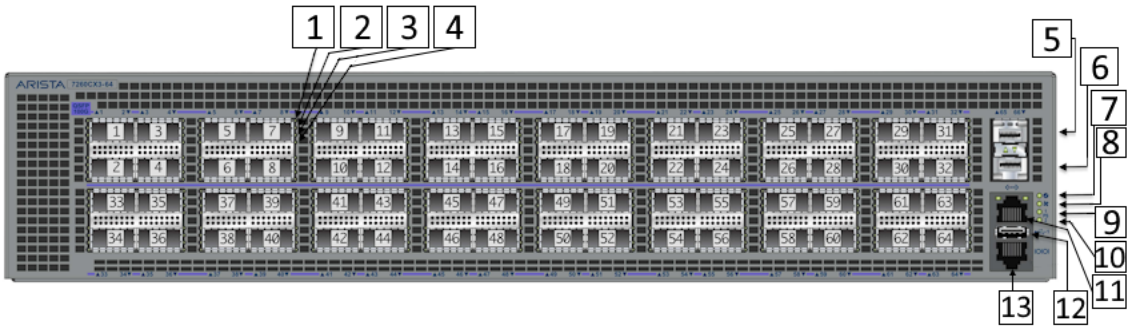
Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.7 Arista 7260CX3-64 Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7260CX3-64 switch.

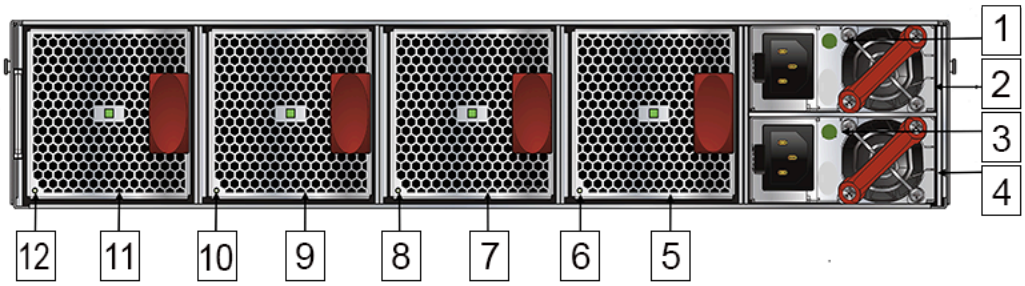
5.7.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-13: Port and Environmental LEDs (Front Panel)



1	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED	8	Fan status LED
2	Port X:2 Breakout 10/25GbE Link/Activity LED	9	Power supply 1 status LED
3	Port X:3 Breakout 10/25GbE Link/Activity LED	10	Power supply 2 status LED
4	Port X:4 Breakout 10/25GbE Link/Activity LED	11	Management port
5	Port 65 1/10GbE	12	USB port
6	Port 66 1/10GbE	13	Console port (default baud rate 9600)
7	System status/locator LED		

Figure 5-14: Port and Environmental LEDs (Rear Panel)



1	PS1 status LED	7	Fan3 module
2	PS1 module	8	Fan3 status LED
3	PS2 status LED	9	Fan2 module
4	PS2 module	10	Fan2 status LED
5	Fan4 module	11	Fan1 module
6	Fan4 status LED	12	Fan1 status LED

5.7.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GBase-T 10GBase-T	Link status	Green: Establishes a valid 1/10GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

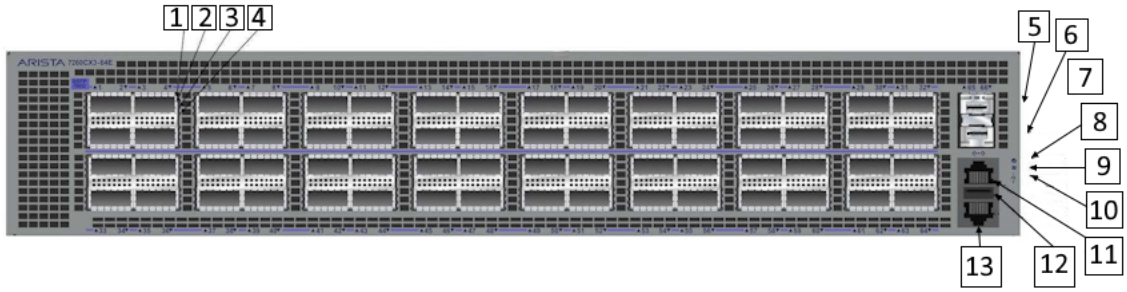
Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.8 Arista 7260CX3-64E Specifications

This section describes the LEDs for monitoring environmental and switch port status on the Arista 7260CX3-64E switch.

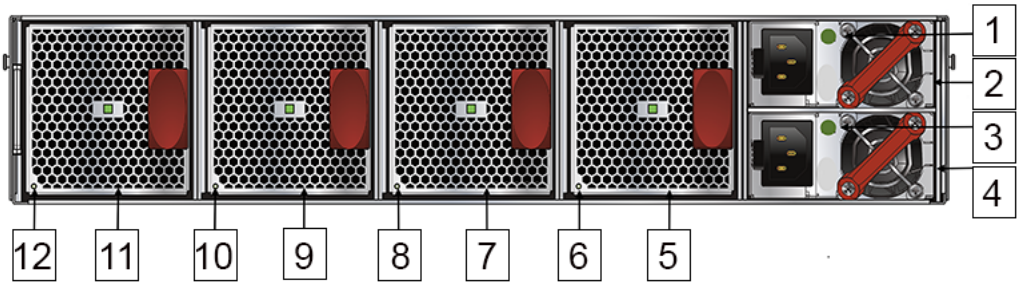
5.8.1 Switch LEDs for Monitoring Port and Environmental Status

Figure 5-15: Port and Environmental LEDs (Front Panel)



1	40/100GbE or Port X:1 Breakout 10/25GbE Link/ Activity LED	8	Fan status LED
2	Port X:2 Breakout 10/25GbE Link/Activity LED	9	Power supply 1 status LED
3	Port X:3 Breakout 10/25GbE Link/Activity LED	10	Power supply 2 status LED
4	Port X:4 Breakout 10/25GbE Link/Activity LED	11	Management port
5	Port 65 1/10GbE	12	USB port
6	Port 66 1/10GbE	13	Console port (default baud rate 9600)
7	System status/locator LED		

Figure 5-16: Port and Environmental LEDs (Rear Panel)



1	PS2 module	7	Fan3 module
2	PS2 status LED	8	Fan3 status LED
3	PS1 module	9	Fan2 module
4	PS1 status LED	10	Fan2 status LED
5	Fan4 module	11	Fan1 module
6	Fan4 status LED	12	Fan1 status LED

5.8.2 Port and Environmental LEDs

LED	Description
System status	Green: Normal operation
	Green blinking: The system is powering up.
	Amber: Two or more fans (any combination of fan modules or PSU fans) are disconnected, malfunctioning, or incompatible.
	Blue/Blinking Blue: The locater function is active.
PSU[1:2] status	Green: Normal operation
	Red: One of the power supplies has failed or is missing.
	Off: No power
Fan status	Green: Fan modules are powered and running at the expected rpm.
	Amber blinking: One or more fan trays failed.
Status LED on power supply	Green: Input power present - Normal operation
	Amber: Input power present - Power supply fault.
	Off: No input power supply installed in chassis.
Status LED on fan tray	Green: The fan is operating normally. This LED state is exclusive to its fan module and independent of the states of its neighboring fans and power supplies.
	Red: The fan has failed.
	Off: Detects no fan module. If the fan is there, it may not be seated properly.

Port	LED	Description
1GBase-T 10GBase-T	Link status	Green: Establishes a valid 1/10GbE network link
		Amber: The link is disabled.
		Off: Link is down.
40GbE QSFP+ 100GbE QSFP28	Link status	Green: Establishes a valid 40/100GbE network link
		Amber: The link is disabled.
		Off: Link is down.
4X10G QSFP+ breakout 4X25G QSFP28 breakout	Link status	Green: Establishes a valid 10/25GbE network link
		Amber: The link is disabled.
		Off: Link is down.
Management port	Link /Activity	Green: Establishes a valid network link.
		Green blinking: Network activity in progress.
		Off: Link is down.
	Speed	Green: Establishes a valid 10/100/1000Mb/s network link.
		Off: Link is down.

Note: Use the **`show switch <switch-name> interfaces`** command from the Controller CLI to display the breakout capabilities of the specified switch. Refer to the ***DANZ Monitoring Fabric Hardware Compatibility List*** for a list of breakout-capable ports on each supported switch.

5.9 Arista 7050X4-Series Specifications

The Arista 7050X4 are a member of the Arista 7050X series and a key components of the Arista portfolio of data center switches. Given that the 7050X4 series switch runs EOS, for a description of LEDs provided for monitoring environmental and switch port status on the switch, refer to the ***Quick Start Guide*** and other related info for the 7050X4 series of switches as follows:

https://www.arista.com/en/qsg-7050x4-series

https://www.arista.com/en/products/7050x4-series

5.10 Arista 7280-Series Specifications

The Arista 7280 Series of fixed and modular switches runs EOS. For a description of LEDs provided for monitoring environmental and switch port status on the switch, refer to the ***Quick Start Guide*** and other related info for the 7280 series of switches as follows:

https://www.arista.com/en/qsg-7280-series-1ru-gen3

https://www.arista.com/en/products/7280r3-series

5.11 Arista 7289 and 7800-Series Specifications

The 7289 and 7800 series modular switches run on EOS. For a description of LEDs provided for monitoring environmental and switch port status on the switch, refer to the ***Quick Start Guide*** and other related info for the 7289 and 7800 series of switches as follows:

https://www.arista.com/en/qsg-7368x-series

https://www.arista.com/en/qsg-7800-series

https://www.arista.com/en/products/7800r3-series

https://www.arista.com/en/products/7800r4-series

Chapter 6

References

6.1 Related Documents

The following documentation is available for ***DANZ Monitoring Fabric 8.8.0***:

- *DANZ Monitoring Fabric Release Notes*
- *DANZ Monitoring Fabric User Guide*
- *DANZ Monitoring Fabric Deployment Guide*
- *DANZ Monitoring Fabric Hardware Compatibility List*
- *DANZ Monitoring Fabric Hardware Guide*
- *DANZ Monitoring Fabric Verified Scale Guide*
- *DANZ Monitoring Fabric SNMP MIB Reference Guide*