

L942AE-U



1RU, 2x 1GbE RJ45, 4x 1/10/25GbE SFP28, 2x 1/10/25/40/100GbE QSFP28,
16x SD/HD/3G-SDI 2x LTC



PHYSICAL

Dimensions (W x H x D)	43.40 cm x 4.28 cm x 89.90 cm 17.09 in x 1.69 in x 31.85 in Bezel adds 1.27 cm/.5 in to depth
Weight	18.33 kg (Unit) 22.98 kg (Gross)
ECCN	5A992
USHTS Code	8471.50.0150

ENVIRONMENTAL

Operating Conditions	10 to 35° C (50 to 95° F) 8% to 80% RH (non-condensing)
Storage Conditions	-40 to 65°C (-40 to 149° F) 5% to 95% RH (non-condensing)
Noise Level	64 dBA (Max)
Electromagnetic Compliance	EN 55032 EN 55035 EN 61000
Safety Compliance	EN 62368 IEC 62368 IEC 62311 EN 62479

ELECTRICAL

Max Potential Power	921 Watts (Max)
Heat Dissipation	3142.6 BTU/hr (Max)
AC Power Option	100-240 VAC (Input Voltage) 50-60 Hz (Line Frequency)

AC PSU Connector C14



DC Power Option -48 to -60 VDC (Input Voltage)

DC PSU Connector DC Terminal Block

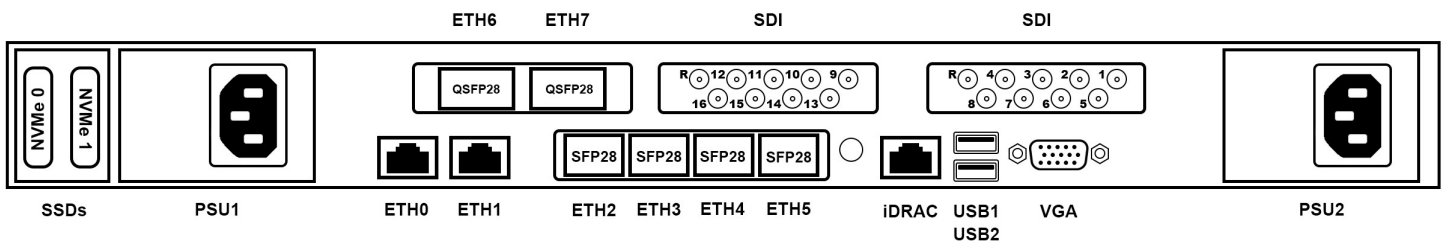


SYSTEM

System Management	iDRAC9 Enterprise
Storage Capacity	480GB Redundant Storage
I/O Interfaces	2x 1GbE RJ45 4x 1/10/25GbE SFP28 2x 1/10/25/40/100GbE QSFP28 16x SD/HD/3G-SDI 2x LTC

This system supports uncompressed IP inputs and outputs.

PORT CONFIGURATION



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Supported Transceiver Modules

Transceiver	Form	Mode	Link	Spare P/N	OEM	OEM Part Number
1000BASE-T RJ45	SFP	N/A	100 m	SP426	FS.com	SFP-GB-GE-T/112161
10GBASE-LR Fiber Optic	SFP+	Single-mode	10 km	SP477	FS.com	SFP-10GLR-31/36432
10GBASE-SR Fiber Optic	SFP+	Multi-mode	300 m	SP476	FS.com	SFP-10GSR-85/36431
25GBASE-LR Fiber Optic	SFP28	Single-mode	10 km	SP475	FS.com	SFP28-25GLR-31/71014
25GBASE-SR Fiber Optic	SFP28	Multi-mode	100 m	SP474	FS.com	SFP28-25GSR-85/71007
40GBASE-LR Fiber Optic	QSFP+	Single-mode	10 km	SP482	FS.com	QSFP-LR4-40G/75299
40GBASE-SR Fiber Optic	QSFP+	Multi-mode	300 m	SP483	FS.com	QSFP-SR4-40G/75298
100GBASE-LR Fiber Optic	QSFP28	Single-mode	10 km	SP484	FS.com	QSFP28-LR4-100G/104866
100GBASE-SR Fiber Optic	QSFP28	Multi-mode	300 m	SP485	FS.com	QSFP28-SR4-100G/71009
1GBASE-T Copper RJ45/QSFP28 to SFP28 Converter Bundle	QSFP28	N/A	100 m	SP496	FS.com/ Mellanox	SFP-GB-GE-T/112161 & MAM1Q00A-QSA28
10GBASE-LR Fiber Optic/QSFP28 to SFP28 Converter Bundle	QSFP28	Single-mode	10 km	SP486	FS.com/ Mellanox	SFP-10GLR-31/36432 & MAM1Q00A-QSA28
10GBASE-SR Fiber Optic/QSFP28 to SFP28 Converter Bundle	QSFP28	Multi-mode	300 m	SP487	FS.com/ Mellanox	SFP-10GSR-85/36431 & MAM1Q00A-QSA28
25GBASE-LR Fiber Optic/QSFP28 to SFP28 Converter Bundle	QSFP28	Single-mode	10 km	SP488	Mellanox	MMA2L20-AR & MAM1Q00A-QSA28
25GBASE-SR Fiber Optic/QSFP28 to SFP28 Converter Bundle	QSFP28	Multi-mode	300 m	SP489	Mellanox	MMA2P00-AS-SP & MAM1Q00A-QSA28

QSFP28 interfaces cannot be split using a breakout cable.

Spare Parts and Services

Part Name	Part Number
1400W AC Power Supply	SP491
DC PSU Conversion Kit	SP440
1100W DC Power Supply	SP464
1RU Bezel Kit	SP492
IO Conversion Service Fee = \$1200	SP493