

# L983AE-U



1RU, 2x 1GbE RJ45, 4x 1/10/25GbE SFP28, 2x 1/10/25/40/100GbE QSFP28,  
8x SD/HD/3G-SDI 1x LTC, 4x SD/HD/3G/12G-SDI 1x LTC



## PHYSICAL

<b>Dimensions (W x H x D)</b>	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
<b>Weight</b>	17.73 kg (Unit) 22.38 kg (Gross)
<b>ECCN</b>	5A992
<b>USHTS Code</b>	8471.50.0150

## ELECTRICAL

<b>Max Potential Power</b>	1373 Watts (Max)
<b>Heat Dissipation</b>	4684.9 BTU/hr (Max)
<b>AC Power Option</b>	100-240 VAC (Input Voltage) 50-60 Hz (Line Frequency)
<b>AC PSU Connector</b>	C14



## ENVIRONMENTAL

<b>Operating Conditions</b>	10 to 35° C (50 to 95° F) 8% to 80% RH (non-condensing)
<b>Storage Conditions</b>	-40 to 65°C (-40 to 149° F) 5% to 95% RH (non-condensing)
<b>Noise Level</b>	71 dBA (Max)
<b>Electromagnetic Compliance</b>	EN 55032 EN 55035 EN 61000
<b>Safety Compliance</b>	EN 62368 IEC 62368 IEC 62311 EN 62479

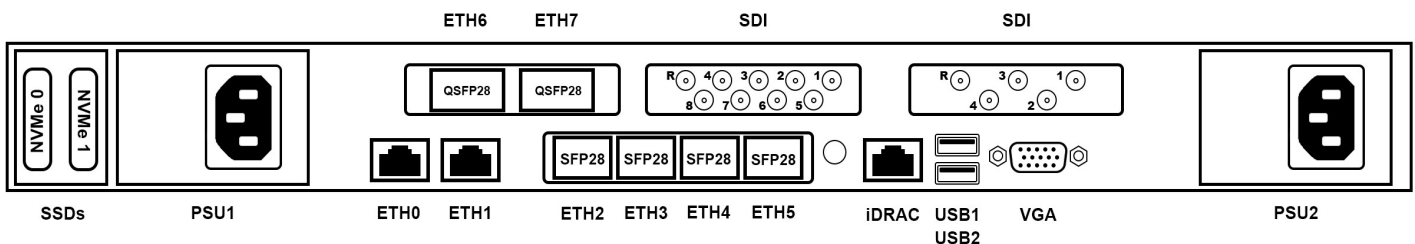
## SYSTEM

<b>System Management</b>	iDRAC9 Enterprise
<b>Storage Capacity</b>	480GB Redundant Storage
<b>I/O Interfaces</b>	2x 1GbE RJ45 4x 1/10/25GbE SFP28 2x 1/10/25/40/100GbE QSFP28 8x SD/HD/3G-SDI, 1x LTC 4x SD/HD/3G/12G-SDI 1x LTC

This system supports uncompressed IP inputs and outputs.

Full power and performance redundancy requires 200-240v AC input.

## PORT CONFIGURATION



1RU, 2x 1GbE RJ45, 4x 1/10/25GbE SFP28, 2x 1/10/25/40/100GbE QSFP28,  
8x SD/HD/3G-SDI 1x LTC, 4x SD/HD/3G/12G-SDI 1x LTC

## Supported Transceiver Modules

Transceiver	Form Factor	Mode	Link Distance	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
1RU Bezel Kit	SP440
IO Conversion Service Fee = \$1200	SP493