

Emulex 16Gb (Gen 6) FC Single-port HBA - host bus adapter - PCIe 3.0 x8 - 16Gb Fibre Channel



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SKU	01CV830
Product Description:	Emulex 16Gb (Gen 6) FC Single-port HBA - host bus adapter - PCIe 3.0 x8 - 16Gb Fibre Channel
Device Type:	Host bus adapter
Form Factor:	Plug-in card - low profile
Interface (Bus) Type:	PCI Express 3.0 x8
Ports:	16Gb Fibre Channel
Dimensions (WxDxH):	16.8 cm x 6.9 cm
Data Link Protocol:	4Gb Fibre Channel, 8Gb Fibre Channel, 16Gb Fibre Channel

General

Device Type:	Host bus adapter
Form Factor:	Plug-in card - low profile
Interface (Bus) Type:	PCI Express 3.0 x8

Networking

Ports:	16Gb Fibre Channel
Connectivity Technology:	Wired
Data Link Protocol:	4Gb Fibre Channel, 8Gb Fibre Channel, 16Gb Fibre Channel
Fibre Channel:	FC-DA, FC-FS, FC-GS-2, FC-GS-3, FC-GS-4, FC-MI, FC-PH, FC-PH-2, FC-PH-3, FC-PI, FC-Tape, FCP-4, FCP-2, FC-PI-2, FC-GS-5, FCP-3, FC-PI-4, FC-FS-3, FC-GS-6, FC-PI-3, FC-HBA, FC-PI-5, FC-LS-2, FC-DA-2, SSC-2, SBC-2, SPC-3, FC-PI-6, SBC-3, SPC-4, SSC-4
Data Transfer Rate:	14.025 Gbps
Performance:	Maximum IOPS: 1600000
Features:	QoS, SR-IOV, FEC, MSI-X

Compatibility Information

Designed For:	Lenovo NeXtScale nx360 M5 5465 ; Lenovo System x3500 M5 5464 ; Lenovo System x3550 M5 5463, 8869 ; Lenovo System x3650 M5 5462, 8871 ; Lenovo System x3750 M4 8753 ; Lenovo System x3850 X6 6241 ; Lenovo System x3950 X6 6241 ; Lenovo ThinkSystem SR250 ; Lenovo ThinkSystem SR530 7X08 ; Lenovo ThinkSystem SR590 ; Lenovo ThinkSystem SR630 7X02 ; Lenovo ThinkSystem SR630 V2 7Z71 ; Lenovo ThinkSystem SR645 7D2X ; Lenovo ThinkSystem SR650 7X06 ; Lenovo ThinkSystem SR650 V2 7D15, 7Z73 ; Lenovo ThinkSystem SR665 7D2V, 7D2W ; Lenovo ThinkSystem SR850 V2 7D32 ; Lenovo ThinkSystem ST250 ; Lenovo ThinkSystem ST550 7X10 ; Lenovo ThinkSystem ST650 V2 7Z74, 7Z75
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Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	55 °C
Humidity Range Operating:	5 - 95% (non-condensing)

Processor / Memory

Processor / Memory

Processor: 1 x Emulex

Expansion / Connectivity

Interfaces: 1 x 16Gb Fibre Channel - SFP+

Miscellaneous

Included Accessories: Low-profile bracket, full-height bracket, 16 Gb shortwave Fibre Channel SFP+ LC transceiver

MTBF: 10,000,000 hour(s)

Compliant Standards: ICES-003 Class A, UL 60950-1 Second Edition, CSA C22.2 No. 60950-1-07, FCC Part 15 A, BSMI Class A, VCCI Class A, MSIP Class A, China RoHS, RCM, RoHS 2011/65/EU, EN55022:2010 Class A, AS/NZS CISPR22:2009+A1 Class A, EN 55024:2010, EN 55032:2012, EN60950-1+A11+A1+A12+A2

Manufacturer Warranty

Service & Support: Limited warranty - 1 year

Dimensions & Weight

Depth: 16.8 cm

Height: 6.9 cm

Software / System Requirements

OS Required: Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, SuSE Linux Enterprise Server 12, VMware vSphere 5.5 update 2, SuSE Linux Enterprise Server 12 SP1, SuSE Linux Enterprise Server 11 SP4 for AMD64/EM64T, SuSE Linux Enterprise Server 11 SP3 for AMD64/EM64T, VMware vSphere 5.5 update 3, VMware vSphere 6.0 update 1, VMware vSphere 6.0 update 2, Red Hat Enterprise Linux 7 Update 2, Red Hat Enterprise Linux 7 Update 1, Red Hat Linux Enterprise Server 6 Update 7 x64 Edition

