



Lenovo 01CV840 network card Internal Fiber 16000 Mbit/s

Brand : Lenovo

Product code: 01CV840

Product name : 01CV840

Emulex 16Gbps Gen 6 FC Dual-Port HBA Adaper for Lenovo System X Servers

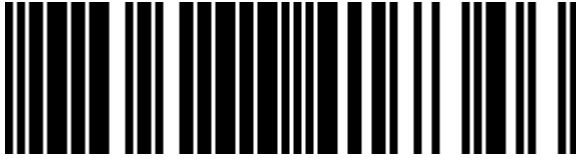
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The Emulex 16 Gb (Generation 6) Fibre Channel (FC) host bus adapters (HBAs) are an ideal solution for all Lenovo System x servers requiring high-speed data transfer in storage connectivity for virtualized environments, data backup, and mission-critical applications. They are designed to meet the needs of modern networked storage systems that utilize high performance and low latency solid state storage drives for caching and persistent storage as well as hard disk drive arrays.

The Emulex 16 Gb Gen 6 FC HBAs feature ExpressLane™, which prioritizes mission-critical traffic in congested networks ensuring maximum application performance on flash storage arrays. They also seamlessly support Brocade ClearLink™ diagnostics through Emulex OneCommand® Manager, ensuring the reliability and management of storage network when connected to Brocade Gen 5 FC SAN fabrics.



Ports & interfaces		Design	
Connectivity technology *	Wired	Compatible products	System x3500 M5 Type 5464
Host interface *	PCIe		System x3550 M5 Type 5463
Interface *	Fiber		System x3550 M5 Type 8869
Fiber ports quantity	2		System x3650 M5 Type 5462
Fiber optic connector	FC, SFP+		System x3650 M5 Type 8871
PCI version	3.0		System x3750 M4 Type 8753
Network			System x3850 X6 Type 6241 (E7 v2, E7 v3, and E7 v4)
Maximum data transfer rate *	16000 Mbit/s		System x3950 X6 Type 6241 (E7 v2, E7 v3, and E7 v4)
Full duplex	✓		System x3950 X6 Type 6241 (E7 v2, E7 v3, and E7 v4)
Web-based management	✓		System x3950 X6 Type 6241 (E7 v2, E7 v3, and E7 v4)
Maximum operating distance	150 m		System x3950 X6 Type 6241 (E7 v2, E7 v3, and E7 v4)
Design		System requirements	
Component for *	Server	Linux operating systems supported	RedHat EL Linux 6.0, RedHat EL Linux 7.0, SuSE Linux 11, SuSE Linux 12.0
Product colour	Black, Green, Silver	Other operating systems supported	VMware vSphere ESXi
Internal *	✓	Server operating systems supported	Windows Server 2012, Windows Server 2012 R2
Rack mounting	✓	Operational conditions	
Rack capacity	2U	Operating temperature (T-T)	0 - 55 °C
Hot-swap	✓	Storage temperature (T-T)	-20 - 85 °C
Hot-Plug support	✓	Operating relative humidity (H-H)	5 - 95%
LED indicators	✓	Sustainability	
Mean time between failures (MTBF)	10000000 h	Sustainability certificates	RoHS
Certification	AS/NZS CISPR22:2009+A1, Class A Australian EMC Framework (RCM) cUR recognized to CSA 22.2, No. 60950-1-07 EN55022:2010, Class A EN55024:2010 EN55032:2012 EU (CE Mark) FCC Rules, Part 15, Class A Industry Canada, ICES-003, Class A Japan VCCI, Class A Korea MSIP, Class A RoHS Compliant (Directive 2011/65/EU) TUV certified to EN60950-1+A11+A1+A12+A2 Taiwan BSMI, Class A UL recognized to UL60950-1 2nd Edition	Weight & dimensions	
		Depth	168 mm
		Height	69 mm
		Packaging data	
		Quantity	1
		Low-profile bracket	✓
		Package type	Box
		Packaging content	
		Mounting brackets included	✓
		Logistics data	
		Harmonized System (HS) code	85176990
		Other features	
		PCI-SIG* SR-IOV Capable	✓



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