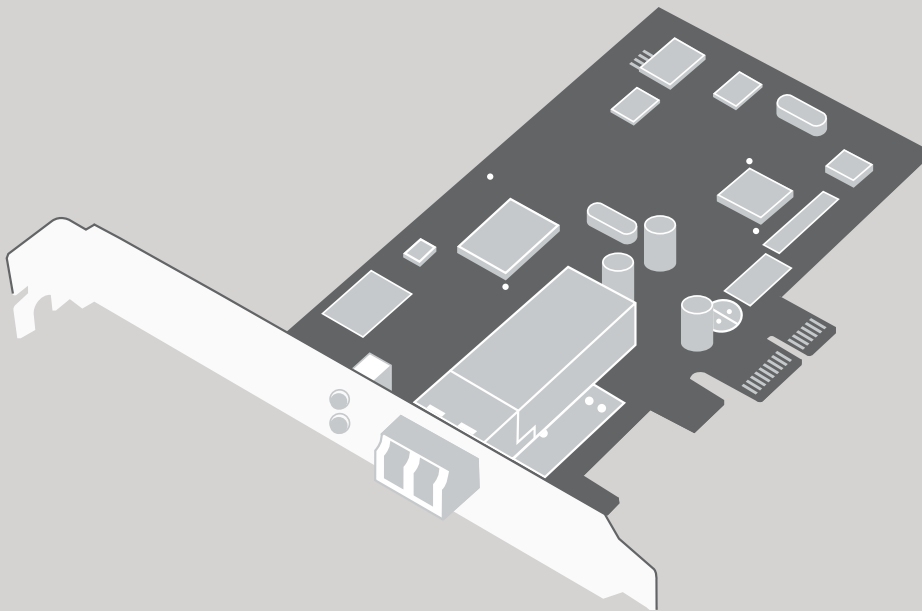


DATA SHEET

LH1690C-LC-R2

PCIE NETWORK INTERFACE ADAPTER SX LC

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



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OVERVIEW/SPECIFICATIONS

NETWORK INTERFACE ADAPTER PCIE 1000BASE-SX LC (LH1690C-LC-R2)

INTRODUCTION

LH1690C-LC-R2 is a Fiber Gigabit Ethernet to PCIe bus adapter that fully complies with all IEEE 802.3z and 1000BASE-X standards. It provides up to 2000 Mbps full-duplex bandwidth capacity to support high-end servers. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides enhanced performance, flexible configuration and secure networking for users in a standards-based environment. Two LED indicators (LINK/ACT and FDX) on the bracket will help to oversee the board link, activities and full-duplex status.

FEATURES

- SUPPORTS HIGH-BANDWIDTH 1000 MBPS NETWORK SPEED
- COMPLIES WITH IEEE 802.3Z 1000BASE-X FIBER INTERFACE
- OPERATES IN FULL-DUPLEX MODE
- USES IEEE 802.3X FULL-DUPLEX FLOW CONTROL
- HAS (1) PCI-E BUS, COMPLIES WITH PCIE REV 1.1 INTERFACE
- SUPPORTS JUMBO FRAME
- OFFERS HIGH-LEVEL VLAN FILTERING
- SUPPORTS IP HEADERS AND TCP/UDP CHECKSUMS OFFLOAD
- ON-BOARD SCREENING OF VLAN TAGGED ETHERNET FRAMES
- SUPPORTS WAKE ON LAN
- COMPLIES WITH ROHS STANDARD

NETWORK INTERFACE ADAPTER PCIE 1000BASE-SX LC (LH1690C-LC-R2) SPECIFICATIONS

APPROVALS	FCC Class B, CE, RoHS, EMI
STANDARDS	IEEE 802.3z Gbit/s 1000BASE-X; IEEE 802.3x Full-Duplex Flow Control; IEEE 802.1Q VLANs
CONNECTORS	(1) 850 nm LC Multimode
FIBER CABLE SUPPORTED	62.5-/125-µm, 50-/125 µm multimode
INDICATORS	LEDs on bracket: (1) Link/Act, (1) FDX
DATA TRANSFER MODE	Full-duplex with flow control; 1000 Mbps speed
BUS SLOT	PCI-e 1.1 compliant
POWER	From the PCI-e bus; maximum 1.32 W +3.3 VDC at 0.4 A
SOFTWARE SUPPORTED	Microsoft Windows XP, Vista, Server 2008/R2, Windows 7, Windows 8/8.1, Server 2012; Novell Netware 5.x, 6.x Server; Novell Netware DOS Client for ODI 16-bit; NDIS2 driver Support DOS MS client, Lantastic, Lanman, Norton Ghost; Linux driver for kernel up to 4.7; FreeBSD 7.x and 8.0 driver
DIMENSIONS	Card only: 4.5 x 2.75 in. (11.43 x 6.98 cm); With bracket: 5 x 4.75 in. (12.7 x 12.06 cm)
WEIGHT	0.119 lb. (0.054 kg)
ENVIRONMENTAL	Operating Temperature: 32 to 104° F (0 to 40° C); Humidity: 5 to 90%

ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations. Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

DISCLAIMER

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