

ClearCube Fiber C/Port

A Component of the ClearCube Fiber Optic Extension System

The ClearCube Fiber C/Port and Fiber Transceiver securely extend user desktops from centralized ClearCube Blades. This point-to-point fiber optic solution supports existing fiber cabling infrastructures that employ a pair of multi-mode fibers for each user. This is the same cabling commonly used for distributed PCs with fiber optic Ethernet cards. Furthermore, these products work with standard ClearCube Blades, Cages and BackPacks. The Fiber C/Port can be coupled with a Multi-Video eXpander (MVX) to drive up to four monitors (NVIDIA Quadro4 video card required on Blade). The ClearCube centralized architecture paired with this fiber transport system results in an ultra-secure solution for commercial, government and military installations.



The Fiber C/Port resides on the user's desktop up to 500 meters (1640 feet) away from the centralized ClearCube Blades and Cages. All standard peripheral connections are available including: USB, PS/2, audio and video. The Fiber C/Port contains auto-tuning circuitry which eliminates the need for manual RGB and sharpness tuning by the user. The fiber optic cabling required for connection to each C/Port is a pair of 62.5 μm multi-mode fibers. The termination connector adheres to the MT-RJ standard, which has the benefits of small size, easy termination and broad industry support.

Specifications:

Dimensions:	1.1" H x 9.6" W x 5.6" D (2.8 cm x 24.4 cm x 14.2 cm)
Weight:	1.3 lbs. (0.6 kg)
Fiber Type:	62.5 μm multi-mode, straight through connection fiber
Connector Type:	MT-RJ (dual fiber)
Max Distance:	500 meters (1640 feet)
Max Video:	1280x1024 @ 75 Hz
Ports:	2 USB v1.1, PS/2 Keyboard & Mouse, Audio In/Out, Video (DB-15)
Remote Reset Capability:	Yes
Power Supply:	Universal 100 - 240 VAC, 47-63 Hz input
Environmental:	Stationary installation, 0-35° C ambient temperature Regulatory Compliance: FCC/CSA Class A, UL1950, IEC950, CE
Budget Loss:	3.0 dB max. across entire cable assembly;

Connection View:**Connection View****Ordering Information**

Use the following part numbers to order your Fiber C/Port:

091053 – Fiber C/Port

Power Brick (Required)

081035 – North American Power Brick and Cord
081036 – United Kingdom Power Brick and Cord
081037 – European Power Brick and Cord
081038 – Japanese Power Brick and Cord

Input Devices (Optional)

091021 – Black PS/2 Keyboard (US) and Optical Wheel Mouse
091020 – Beige PS/2 Keyboard (US) and Optical Wheel Mouse

Accessories (Optional)

952101-015 – Beige 15" Flat Panel Monitor
952102-015 – Black 15" Flat Panel Monitor
952101-017 – Beige 17" Flat Panel Monitor
952102-017 – Black 17" Flat Panel Monitor
953102-018 – Black 18" Flat Panel Monitor
911000-001 – External USB 3.5" Floppy Drive
912000-001 – External USB CD-ROM Drive
921000-005 – External USB CD-RW Drive (52x/52x/32x)
911200-001 – 4-Port Powered USB HUB
911300-002 – 128 MB USB Disk-On-Key