

MDL-4000

The Mainframe Data Library-4000 is Bus-Tech's premier Enterprise Virtual Tape Library and is powered by Bus-Tech's Virtuent software engine. The MDL-4000 is capable of delivering more than 1.5 GBytes of data per second and scales from 4 FICON channels and 512 tape devices to 12 FICON and 1,536 tape devices. The MDL-4000 includes a minimum of 2 redundant, independently operating emulation nodes; 2 redundant Access Control Point (ACPs). The MDL-4000 is offered with support for either Gigabit Ethernet or 10 Gigabit Ethernet attached storage.

Emulation Nodes

FICON	2 Standard, 6 Maximum
ESCON	2 Standard, 4 Maximum

Access Control Point (ACP)	2 Standard
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Devices Emulated	3480 / 3490 / 3590 (IBM and compatible) CTS5136 (Unisys)
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Number of Emulated Devices	Min (Max)
Total	512 (1,536) – (ESCON max 1,024)
Per Emulation Node	256 (256)

Channel Interfaces	Min (Max)
FICON (4Gb) Total	4 (12)
FICON (4Gb) Per Node	2 (2)
ESCON Total	4 (12)
ESCON Per Node	2 (3)

Storage Ports	Min (Max) / Type
Gigabit Ethernet	0 (34) / RJ-45 Cat 6.
10 Gigabit Ethernet	0 (24) / SR, LR or CX4

Physical Attributes	
Dimensions	49.1" (1,247mm) H x 24" (609mm) W x 45.8" (1164mm) D
Weight	
Minimum (2 Nodes)	560 lbs (290 kg)
Maximum (6 Nodes)	880 lbs (399 kg)

Power Requirements

Minimum (3 Nodes)
Maximum (6 Nodes)

7.04 Amps @ 240 Volts (1,690 Watts)
13.84 Amps @ 240 Volts (3,322 Watts)

Power Connectors

Two per MDL

NEMA L6-15P

Cooling

Minimum (2 Nodes)
Maximum (6 Nodes)

5.285 BTU / hour
10,389 BTU / hour

Warranty and Services

Warranty/Basic Support

Monday through Friday 8:00 AM to 5:00 PM (eastern US) phone support. Next day parts replacement or repair. 1st Year Included with System Purchase. Extendable in 1 year increments.

Enhanced Support

Extends Basic Support to 24 x 7 phone support. Next day parts replacement or repair. Extendable in 1 year increments.

Premium Support

Extends Standard Support to include on-site parts replacement or repair within 4 or 24 hours depending on location. Extendable in 1 year increments.

Installation Services

On-site installation of MDL.

Operating Environment

Temperature

Operating +10°C to +35°C
Non-Operating

- 40°C to + 70°C

Humidity (Non-operating)

90% non-condensing at 28°C

Mainframe Operating System Support

IBM z/OS, MVS, VSE, VM, TPF and Unisys OS 2200

Optional Features

EMC Centera Support