

MDL-4000

The Mainframe Data Library-4000 is Bus-Tech's Enterprise Virtual Tape Library powered by Bus-Tech's Virtuent software engine. The MDL-4000 is capable of delivering more than 1 GByte of data per second and scales from 4 FICON (or 6 ESCON) channels and 512 tape devices to 8 FICON (or 12 ESCON) channels and 1,024 tape devices. The MDL-4000 provides a minimum of 2 redundant, independently operating emulation nodes; 2 redundant Access Control Points (ACPs). The MDL-4000 comes in two versions; Fibre Channel for SAN support or Ethernet for Deduplication, NAS and Compliant environments.

Emulation Nodes	2 Standard, 4 Maximum
Access Control Point (ACP)	2 Standard
Devices Emulated	3480 / 3490 / 3590 (IBM and compatible), CTS5136 (Unisys)
Number of Emulated Devices	Min (Max)
Total	512 (1024)
Per Emulation Node	256 (256)
Channel Interfaces	Min (Max)
Total	FICON (4Gb) 4 (8) ESCON 4 (12)
Per Node	FICON (4Gb) 2 (2) ESCON 2 (3)
Storage Ports	Min (Max) / Type
Gigabit Ethernet	0 (34) / RJ-45 Cat 6.
Fibre Channel	0 (8, 2 per node) / LC Connector
Physical Attributes	
Dimensions	49.1" (1247mm) H x 24" (609mm) W x 45.8" (1164mm) D
Weight	
Minimum (2 Nodes)	560 lbs (254 kg)
Maximum (4 Nodes)	720 lbs (327 kg)

Power Requirements

Minimum (2 Nodes)	7.04 Amps @ 240 Volts (1690 Watts)
Maximum (4 Nodes)	10.44 Amps @ 240 Volts (2506 Watts)

Power Connectors

Two per MDL	NEMA L6-15P
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Cooling

Minimum (2 Nodes)	5.285 BTU / hour
Maximum (4 Nodes)	7,837 BTU / hour

Warranty and Services

Warranty/Standard Support

24 x 7 phone support. Next day parts replacement or repair. 1st Year Included with System Purchase. Extendable in 1 year increments.

On-Site 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
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Mainframe Operating System Support

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

Optional Features

EMC Centera support
Hitachi Data System Content Archive Platform (HCAP) support