

# CPCIe M.2 Flash Storage Module

Part Number: OSS-CPCIe3-3U-CR-4-M.2, OSS-CPCIe3-3U-CR-8-M.2

## FEATURES

- 3U CPCIe form factor
- Single slot
- CPCIe/PXle Type 2 slot connection
- Supports 4 M.2 modules OR 8 M.2 modules in a single slot



The CPCIe 3U M.2 Flash Memory Board supports up to 32TB of flash in a single PXle or CPCIe Type2/Hybrid slot. The backplane connection supports up to PCIe 3.0 x8 to the M.2 drives for up to 64Gb/s bandwidth to the M.2 drives. Provides up to 32TB of storage in the card when using a mezzanine and 4TB modules.

## SPECIFICATIONS

Form Factor	3U CPCIe/PXle Type 2 Single slot order time option (not field upgradeable)
Dimensions	3.94 x 6.3" (100 x 160 mm) (H x L) Single Slot 4HP, 0.8" width (OSS-478) Single slot 8HP, 0.8" width (OSS-478 + OSS-481 mezzanine)
Switch	PLX 8748 48-lane PCIe 3.0 Switch
Backplane Interface	PCIe x8 Gen3 (64Gb/s)
M.2 Interface	Four or Eight x4 Gen3 (32Gb/s) to each M.2
M.2 Modules	80mm up to 4TB each
RAID Configurations	Supports JBOD and Software RAID 0, 1, 5, 10 and 50
Front Panel Indicators	1 Power-on LED (green) 4 or 8 M.2 link status LEDs (green)
Backplane Connectors	XJ3 and XJ4 connectors Optional J1 connector for use in hybrid slots (OEM option)
Power Consumption	30W max
Temperature Range	Operating: 0° to 55°C Non-operating: -40° to 85°C
Relative Humidity	10 to 90% non-condensing
Agency/Compliance	Designed to Meet: FCC Part 15 Subpart B, Class A CE RoHS EN55022, Class A EN55024 EN300386-2