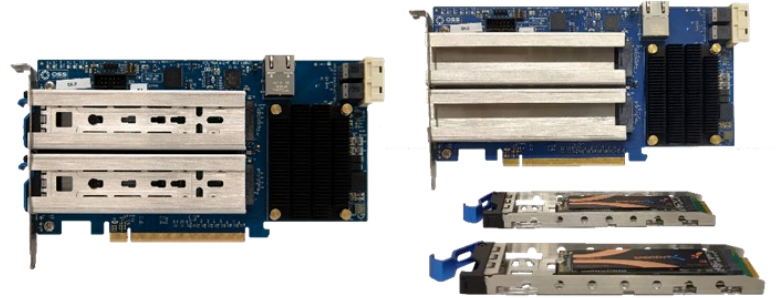


OSS PCIe 4.0 Dual M.2 Carrier

Part Number: OSS-PCIe4-ADPT-x16-M.2-2

FEATURES

- Dual PCIe 4.0 NVMe M.2 slots
- Hot-swap removable drive carriers
- Operates at up to 256Gb/s at PCIe 4.0 speeds
- Supports M.2 2242/2260/2280/22110/E1.S drives
- Dual SFF-8643 connectors for additional PCIe 4.0 expansion options
- Supports PCIe 3.0 backward compatibility



The OSS PCIe 4.0 Dual M.2 Carrier add-in card supports dual PCIe 4.0 hot-swap M.2 drives in removable carriers and dual SFF-8643 connectors for additional NVMe expansion. The hot-swap removable carriers provide high-speed and high-capacity storage at PCIe 4.0 speed for edge applications. Data can be captured at up to 256Gb/s, then securely removed, transported, and hot-swapped into a separate compute node for data processing.

SPECIFICATIONS

System	
Form Factor	PCIe 4.0 x16 add-in card
Dimensions	8.10" x 4.38" (20.6 x 11.1 cm)
Bandwidth	Up to 256Gb/s
Drive Form Factors	Drive form factors supported: <ul style="list-style-type: none"> o PCIe 4.0 NVMe M.2 2242, 2260, 2280, 22110 o PCIe 3.0 NVMe M.2 2242, 2260, 2280, 22110
Connectors	PCIe x16 card edge connector Dual SFF-8643 internal connectors Compliant to PCI-SIG PCI Express® External Cable Specification 3.0
Bracket	Standard full-height, single-width
PCIe Switch	Broadcom PLX PEX 88032 16 GT/s 32-Lane PCIe 4.0 Switch DMA controller SSC Isolation
Power	45W
Operating Temperature	0°C to 40°C (200LFM airflow required) based on 1.7°C/W
Storage Temperature	-40°C to 85°C
Operating Humidity	20-80% relative humidity non-condensing
Storage Humidity	20-80% non-condensing
Agency Compliance	Designed to meet the following agency standards: <ul style="list-style-type: none"> o FCC – Part 15 Class A, 47CFR; Canada ICES-003, issue 4, Class A; Japan: VCCI, Class A' CE Emissions 2004-108EC o UL/IEC 60950-1; Canada: CSA C22.2 No. 60950-1; Argentina: IEC60950-1; IEC 60950-1 (CB Certificate and CB Test Report) o CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3) o CISPR 22, CISPR 24, Class A; Australia/New Zealand AS/NZS CISPR 22, Class A o RoHS 6 of 6 compliance (Directive 2002/95/EC) o WEEE (EU 2012/19) & RoHS 3 (EU 2015/863)