

OSS-PCIe4-BP-521

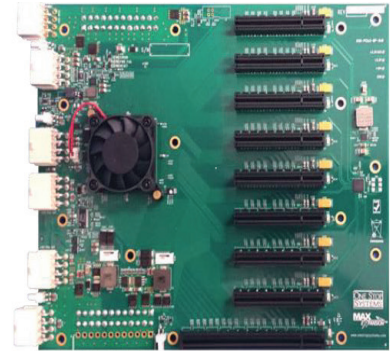
PCIe Gen 4.0 Expansion Backplane, 8x PCIe x8 slots

PCIe x16 Gen 4 expansion backplane with eight downstream, single-width, PCIe x8 slots and one PCIe x16 target slot. Requires an OSS target adapter to be installed in the target slot. Cable and adapter sold separately.

PN: OSS-BP-521

Features

- One OSS PCIe x16 4.0 target slot for OSS target cable adapter
- Eight PCIe x8 4.0 expansion slots
- ATX power input
- Fan speed controller



Specifications

Dimensions (H x L):	7.175" x 8.820"
Power:	ATX
Slots:	1 PCIe 4.0 x16 OSS target slot (for OSS target cable adapter only) 8 PCIe 4.0 x8 slots for end point devices
PCIe Switch:	Broadcom PLX PEX 88096 <ul style="list-style-type: none"> • 16GT/s 96-lane PCI Express Gen 4 Switch • DMA controller • SSC Isolation
Switch Latency:	150ns
Operating Temperature:	0C to 50C
Storage Temperature:	-40C to 85C
Operating Humidity:	10% to 90% relative humidity non-condensing
Storage Humidity:	5% to 90% relative humidity non-condensing
Agency Compliance:	Designed to meet the following agency standards: <ul style="list-style-type: none"> • FCC - Part 15 Class A, 47CFR; Canada ICES-003, issue 4, Class A; Japan: VCCI, Class A; CE Emissions 2004-108EC • UL/IEC 60950-1; Canada: CSA C22.2 No. 60950-1; Argentina: IEC60950-1; IEC 60950-1 (CB Certificate and CB Test Report) • CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3) • CISPR 22, CISPR 24, Class A; Australia/New Zealand AS/NZS CISPR 22, Class A • RoHS 6 of 6 compliance (Directive 2002/95/EC)

NOTE: The 521 backplane allows variable speed control on the FAN₁ connector using a thermocouple controlled circuit optimized for thermals of the OSS CUBE™ family of products.

NOTE: The power ON connector is only used in Thunderbolt cable configurations. Forcing the power ON in PCIe configurations using the header connector on the backplane may cause the expansion backplane to not enumerate properly with the host system.

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