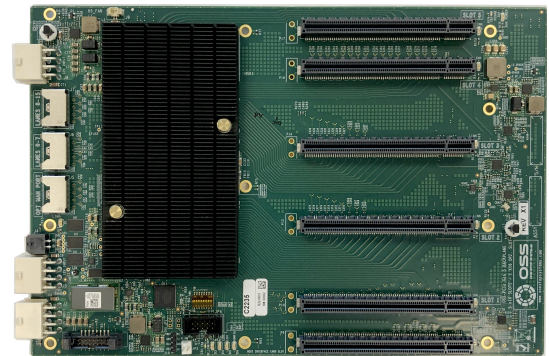


# PCIe Gen5 Expansion Backplane, 5 PCIe x16 slots

Part Number: OSS-BP-580-LSKIT

## FEATURES

- Five downstream PCIe x16 5.0 expansion slots
- One PCIe x16 5.0 target slot for OSS-PCIe-HIB732-x16 target adapter
- 3x 8 pin +12v power input, 24 pin cable adaptor provided
- Optional bifurcation to support two PCIe x16 5.0 target slots
- Broadcom PEX89104 Gen5 104 Lanes PCIe switch



The OSS-BP-580 expansion backplane provides five PCIe x16 5.0 downstream expansion slots for the latest PCIe add-in cards. Four downstream slots are dual width, allowing for dual width PCIe x16 5.0 add-in cards such as GPUs to fit in one backplane. The OSS-BP-580 width is optimized to support two backplanes side-by-side in a standard 19" rackmount chassis. The expansion backplane connects back to the host node through the PCIe x16 5.0 upstream slot which can be populated with an OSS-PCIe-HIB732-x16 PCIe x16 5.0 host bus adapter. The OSS-BP-580 can also be bifurcated to support dual upstream host bus adapters for up to four downstream target add-in cards for double the total host-to-expansion throughput.

## SPECIFICATIONS

Dimensions	7.175" x 10.675"
Slots	1 PCIe x16 5.0 Upstream Slot 4 PCIe x16 5.0 Dual-width Downstream Slots 1 PCIe x16 5.0 Optional Upstream/Downstream Slot
Link Speed	63 GB/s upstream (single upstream) 126 GB/s upstream (dual upstream)
Power Consumption	100W [CPU AUX +12v 8pin]
Operating Environment	0°C to 50°C  10 to 90% non-condensing humidity
Storage Environment	-40°C to 85°C  5 to 95% non-condensing humidity
SKUs	OSS-BP-580-LSKIT: Single upstream OSS-BP-580-2-LSKIT: Bifurcated for two upstream slots with two downstream slots each
Accessories	100-500006-00: Cable kit to enable flex upstream/downstream slot 326-000076: Cable Assy, 24-Pin Adapter for PCIe5 BPs
Regulatory	Designed to meet 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)



Part Number: OSS-BP-580-LSKIT

