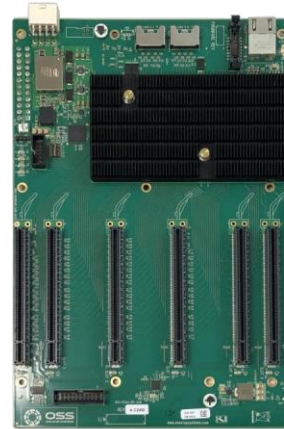


# PCIe Gen4 Expansion Backplane, 5 PCIe x16 slots (538)

## FEATURES

- Five downstream PCIe x16 4.0 expansion slots
- One PCIe x16 4.0 target slot for OSS-PCIe-HIB616-x16 target adapter
- ATX power input
- Optional bifurcation to support two PCIe x16 4.0 target slots
- Broadcom PEX88096 98 lane PCIe switch



Part Number: OSS-BP-538

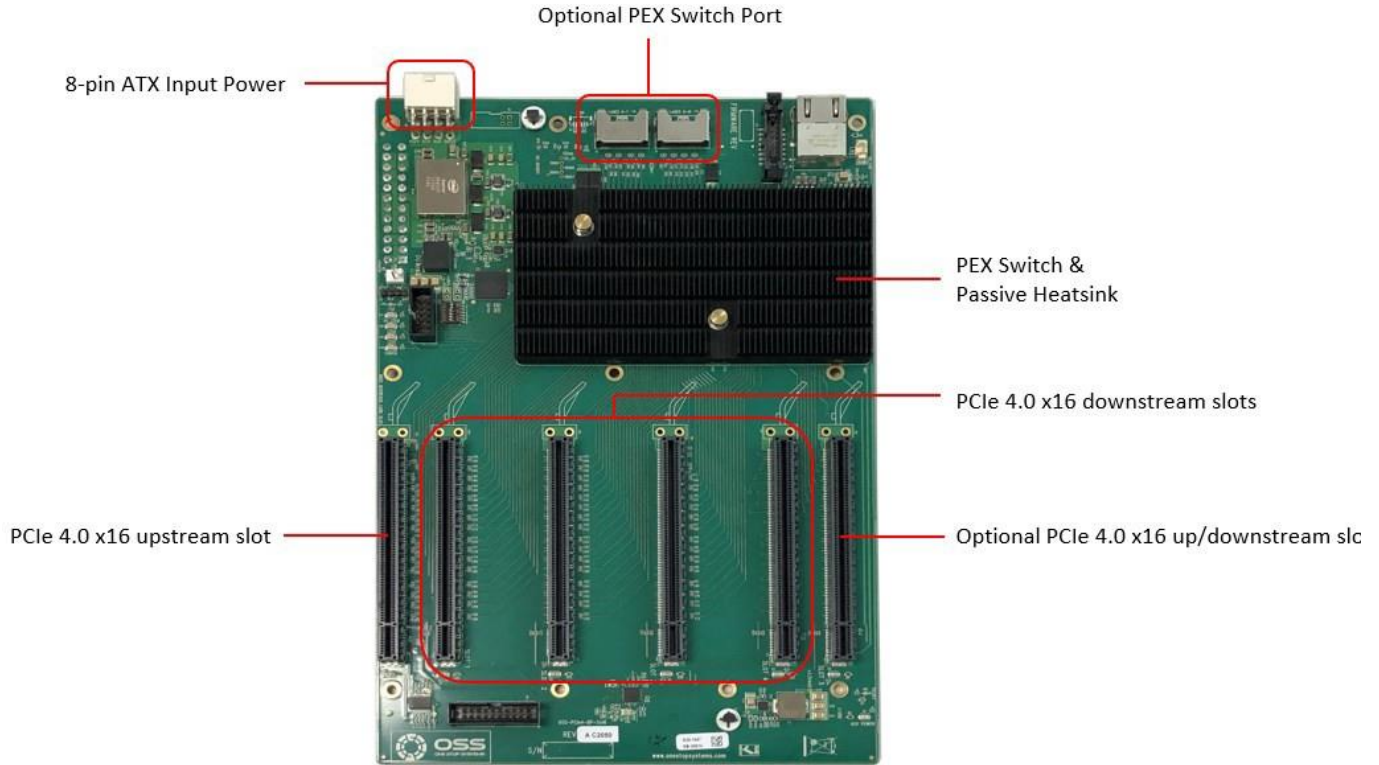
The OSS-BP-538 expansion backplane provides five PCIe x16 4.0 downstream expansion slots for the latest PCIe add-in cards. Four downstream slots are dual width, allowing for dual width PCIe x16 4.0 add-in cards such as GPUs to fit in one backplane. The OSS-BP-538 width is optimized to support two backplanes side-by-side in a standard 19" rackmount chassis. The expansion backplane connects back to the host node through the PCIe x16 4.0 upstream side which can be populated with an OSS-PCIe-HIB616-x16 PCIe x16 4.0 host bus adapter. The OSS-BP-538 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 4.0 Upstream Slot 4 PCIe x16 4.0 Dual-width Downstream Slots 1 PCIe x16 4.0 Optional Upstream/Downstream Slot
Link Speed	32 GB/s upstream (single upstream) 64 GB/s upstream (dual upstream)
Power Consumption	100W [ATX 24pin, 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-538: Single upstream OSS-BP-538-2: Bifurcated for two upstream slots with two downstream slots each OSS-BP-538-0: All slots configured as downstream for daisy-chain
Accessories	100-500006-00: Cable kit to enable flex upstream/downstream slot
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-538

BOARD TOP VIEW



BOARD BOTTOM VIEW

