



PCIe x16 3.0 Expansion Backplane (2019)

PCI Express backplane with one PCIe x16 expansion slot with ATX power. Supports up to Gen3 cards.

PN: OSS-PCIe-BP-2019

Features

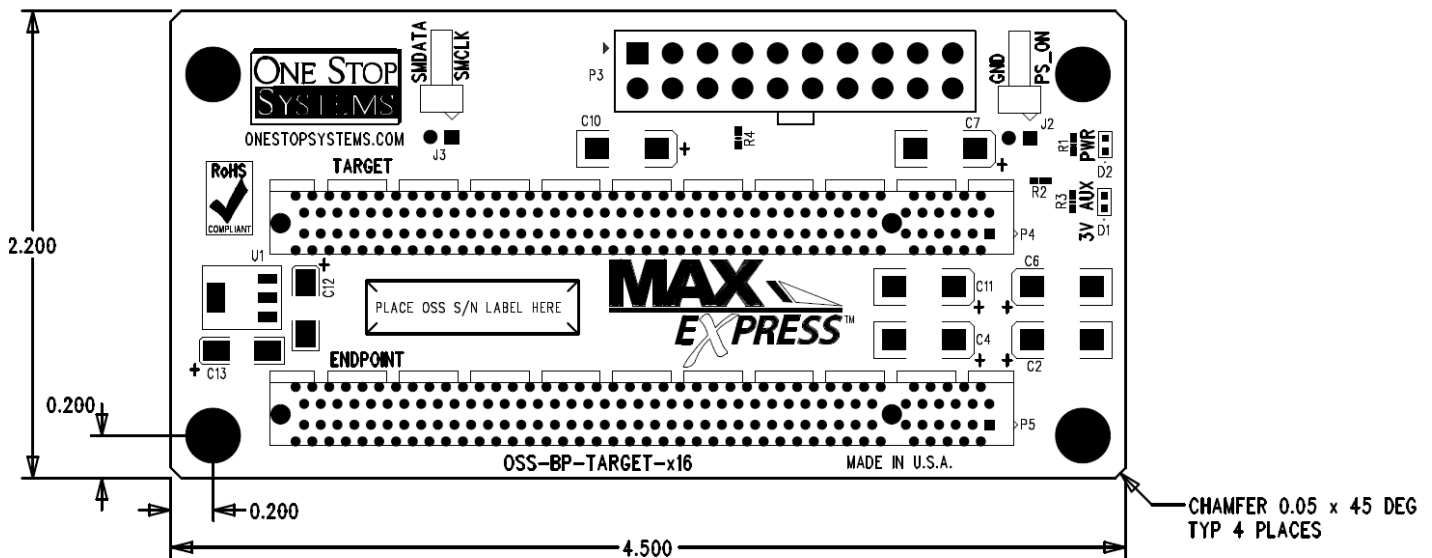
- Supports one host interface card and one add-in card. Ideal for testing I/O boards or remotely operating one I/O board



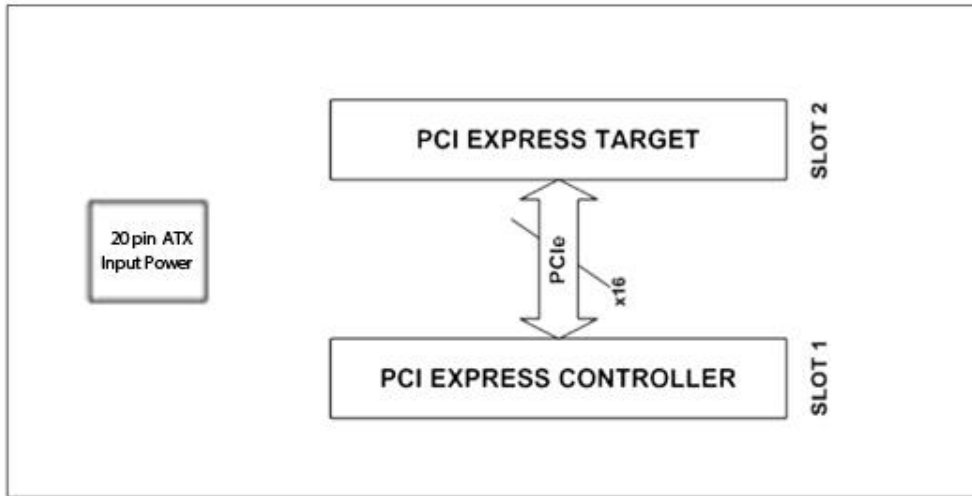
Specifications

Dimensions (H x L):	2.25" x 4.5"
Power:	ATX power supply
Form Factor:	2 PCIe x16 slots

Dimensional Drawing



Block Diagram



Connector Pin-Outs

Connector	Definition
J2	Force Power On
P3	Input Power (20 pin)
D2	Power Good LED

J2 – Force Power On (Molex P/N: 22-05-3021)

Pin	Definition
1	PWR_ON#
2	GND

J3, J5 – 20 Pin ATX Input Power (Molex P/N: 87427-2042)

Pin	Definition	Pin	Definition
1	+3.3V	11	+3.3V
2	+3.3V	12	-12V
3	GND	13	GND
4	+5V	14	PS_ON#
5	GND	15	GND
6	+5V	16	GND
7	GND	17	GND
8	PWRON	18	NC
9	+5VSB	19	+5V
10	+12V1	20	+5V