



PART NUMBER: VPX-PER-SWITCH

- OpenVPX MOD3-SWH-6F6U-16.4.1-2 compliant
- PCIe fabric interface switch
- 6 ports gigabit layer 2 Ethernet switch with VLAN
- Host-to-host communication over fabric interface
- Air and conduction cooled thermal solutions
- IPMI 2.0 compliant BMC
- Optional I/O for front panel access

SPECIFICATION

| | | | |
|---|---|--|----------------------------------|
| Data Plane | 32 lanes PCIe Gen. 3 switch. 6 ports of PCIe x 4 to Data Plane | | |
| | Virtual Ethernet switch for host-to-host communication | | |
| Control Plane | Layer 2 unmanaged switch. Feature support: Switch setup and configuration display; Ethernet port status display | | |
| | VLAN setup and display (Tag, untag VLAN, port based VLAN) | | |
| | I/O: 1x 10/100/1000Base-T to front panel; 1x 10/100/1000Base-T to backplane. 6 x 1000Base-BX to Control Plane | | |
| IPMI | Advantech code based VPX IPMI 2.0 compliant BMC | | |
| VPX Interface | P0 | IPMB; Power: 12V only (default) or 5V only | |
| | P1 | 4 x PCIe x4 | |
| | P2 | 2 x PCIe x4; 6 x 1000Base-BX; 1 x 10/100/1000Base-T; RS-232 | |
| Front Panel I/O Ports (Available for air-cooled model only) | Ethernet | 1 x RJ-45, 10/100/1000BASE-T | |
| | COM | 1 x miniUSB connector (BMC RS232 console redirection port) | |
| | SPF+ | 10G (available on the multiple-host SKU only) | |
| Operating System | Compatibility | Linux3 and Windows 8.1, Windows 10, Windows Server 2012, Windows Server 2016 | |
| Power Requirement | SKU1 | 29 W total power envelope with multi-host NIC | |
| Physical Characteristics | Dimensions (W x D) | 160.00 x 100.00 mm (6.3" x 3.95"), 5HP (H) | |
| | Weight | 0.37 kg | |
| Environment (POR) | Temperature | Operating -40 ~ +85 °C | Non-operating -55 ~ +105 °C |
| | Humidity | 95% @ 40 °C, non-condensing | 95% @ 60 °C, non-condensing |
| | Operation Shock | VITA 47, OS2 | |
| | Vibration | VITA 47, V3 | |
| | Altitude | 50,000ft above sea level | 60,000ft, -40 °C above sea level |
| Compliance | VPX | OpenVPX (VITA 65), REDI (VITA 48) | |
| | Safety | FCC class A, CE, RoHS | |
| | EMC | FCC47 CFR Part15, Class A, CE Mark (EN55022/EN55024/EN300386) | |

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Would you like to find out more? Be sure to speak to our on-stand team or contact us via the details here and we would be happy to help.

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