

Rugged System Products

XPand6000 Series



XPand6200 Series



XPand4200 Series



General Information

Overview	SFF, SWaP and cost-optimized, maximizes thermal efficiency for processor cooling	SFF, rapid deployment, supports most COTS 3U VPX modules without modification	1/2 ATR, high-performance, multiprocessor
System Cooling Options	Ambient convection or conduction	Ambient convection or conduction	Self-cooled with integrated fan
Architecture	Rugged COM Express + conduction-cooled PMC/XMC	2x conduction-cooled 3U VPX slots (1 in. pitch)	6x conduction-cooled 3U VPX slots (0.8 in. pitch)
Power Supply	Integrated, MIL-STD-704/1275 28 VDC, holdup (optional)	Integrated, MIL-STD-704/1275 28 VDC, no holdup	3U VPX (VITA 62) slot, MIL-STD-704/1275 28 VDC, holdup (optional)
I/O	COM Express I/O, all PMC P14 or XMC P16 I/O, customized carrier options	All 3U VPX P2, P1 C & D from both slots	Subset of 3U VPX slots
Size	4.88 in. (W), 2.10 in. (H), 7.70 in. (L) (horizontal, convection-cooled version)	4.88 in. (W), 3.61 in. (H), 8.90 in. (L)	5.88 in. (W), 7.36 in. (H), 8.3 in. (L)
Weight (Fully Configured)	3.75 lbs. (horizontal, convection-cooled version)	8.9 lbs.	15.88 lbs.
Removable Storage Option	No	Yes	Yes

XPand6004



4-port Gigabit Ethernet router
Cisco IOS® Router with
Cisco Mobile Ready Net capabilities

XPand6206



20-port Gigabit Ethernet switch & router
Fully managed Layer 2 switch
Cisco IOS® Router

XPand4206



3x Intel® Core™ i7 SBC
10GbE fabric & external I/O
12x CAN bus

XPand6103



Intel® Core™ i7-based fanless embedded box PC
Rugged, IP67-rated and cost-effective M12 connectors
2x GbE, 4x CAN bus, video, USB, 2x serial, Wifi
Customizable via PCI Express Mini cards

XPand6207



6-port 10 Gigabit Ethernet, 12-port Gigabit Ethernet switch & router
Fully managed Layer 2 switch
Cisco IOS® Router

XPand4208



2x Intel® Core™ i7 SBC
Ethernet fabric
Expansion slots
Cisco IOS® Router

XPand6104



Intel® Core™ i7 processor
Commercial I/O connectors to simplify development
GbE, video, USB, 2x serial, SATA

XPand6208



4th Gen Intel® Core™ i7 CPU & dual 10 Gigabit Ethernet NIC
Removable storage module
4-port 10 Gigabit Ethernet, 6-port Gigabit Ethernet switch & router
Fully Managed Layer 2 switch
Cisco IOS® Router

See our website for additional rugged system options

