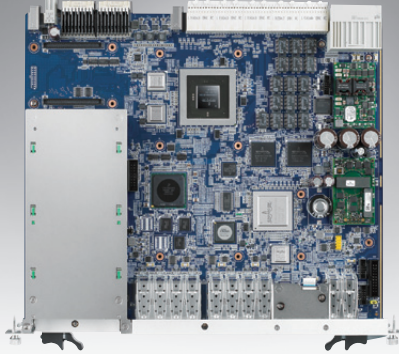


ATCA-9112

40 GbE Switch Blade Supports Up to 16 Slots

NEW



Features

- PICMG 3.0/3.1 compliant AdvancedTCA®
- Supports up to 16-slot platforms
- Separate base and fabric interface switching to provide enhanced security and protection
- 10/40G fabric interface with eight 10GE uplinks
- Fabric interface bandwidth up to 640G
- 1/10G basic interface with two GE uplinks
- Basic interface bandwidth up to 64G
- One AMC slot

Specifications

Local Mgmt. Processor (LMP)	Processor	Freescale QorIQ P1011
	E500 Core Frequency	800 MHz
	Memory Type and Capacity	Unbuffered 2Gb DDR3 1333 MHz
	Interface	Two SGMII interface PCIe x1 interface USB 2.0 interface SDHC interface
Switch	Ethernet Switch	Broadcom BCM56846 for 40Gb & 10G
	Management Switch	Broadcom BCM56321 for 10Gb & 1Gb
	PCIe Switch	PLX PEX8614
Boot Flash	Redundant Flash Type (LMP)	Parallel NOR Flash 128MB TSOP56
AMC	Interface	1 x XAUI
		SAS
		PCIe x4
Zone 3 Interface (RTM)	Physical Connection	Advantech RTM interface
	Interface	PClex4 SAS/SATA 2 x XLAUI or 2 x XAUI
I/O Front Interface	LMP Console Debug Port	1 x RJ-45
	LMP USB Port	-
	SFP+ Port	10 x SFP+
	Ethernet Management Port	RJ-45 10/100/1000BT
Physical Characteristics	Dimensions (W x D)	6HP, 322.25 x 280.00 mm (12.69" x 11.02") (PCB size)
	Weight	3.0 kg (Est.)
SW Support	Bootloader	U-Boot
	HW Mgmt	IPMI 1.5 / ATCA Revision 3.0
	Switch Mgmt	Broadcom FASTPATH 6.3.1
	Operating System	WindRiver Linux 4.0
Environment	Operating Environment	Temperature: 0 to 40° C Humidity: 20% to 90 % RH
	Storage Temperatures	Temperature: -20 to 70° C Humidity: 5% to 95 % RH
Compliance	EMC/Safety	CE/ FCC/ UL/CB (planned)

Ordering Information

Part Number	Description
ATCA-9112	40GbE ATCA Switch Blade