



Gigabit Switched PTMC Processing Platform for CPCI

Product #OSS-HW400c/2



Description

1.0 GHz power PC based carrier board; dual PTMC sites; 2 Gb Ethernet ports; up to 1 Gb SD RAM

Product Features

- MPC7447A PowerPC processor, 1.0 GHz
- Two CT Bus enabled PTMC sites (autosensing PT2MC or PT5MC)
- High speed non-blocking Gigabit Ethernet switch
- Dual node Gigabit Ethernet (PICMG 2.16 cPSB)
- Front panel management via 10/100/1000 Ethernet

Ordering Information

Intelligent carrier with 1.0 GHz MPC7447A, 256 MB DDR SDRAM, 2 PTMC sites, H.110, cPSB

- Product #OSS-HW400c/2-256

Intelligent carrier with 1.0 GHz MPC7447A, 1 GB DDR SDRAM, 2 PTMC sites, H.110, cPSB

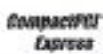
- Product #OSS-HW400c/2-1G

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Specifications

System Processor Architecture	<ul style="list-style-type: none"> • Freescale MPC7447A PowerPC, 1.0 GHz
Memory	<ul style="list-style-type: none"> • 256 MB or 1 GB DDR SDRAM • 128 MB Disk-on-Chip Flash File System • Boot ROM and NVRAM
PTMC Sites	<ul style="list-style-type: none"> • 2x PICMG 2.15, PT2MC, PT5MC sites - 3.3V signaling • PICMG 2.3 Rear I/O Mapping
PSB/Gigabit Ethernet	<ul style="list-style-type: none"> • 2x 10/100/1000 Ethernet cPSB - PICMG 2.16 Single or Dual Node • 2x 10/100/1000 Ethernet per PT5MC site • Additional Front Panel RJ45 Ethernet
H.110 Interface	<ul style="list-style-type: none"> • PICMG 2.5 CT Bus Interface • 4096 Timeslot H.110 • 2560 Timeslot Local CT Bus (PT2MC) • 4096 Timeslot Local CT Bus (PT5MC)
CompactPCI Interface	<ul style="list-style-type: none"> • PCI Specification Revision 2.1 • IEEE 1386-2001
Drivers	<ul style="list-style-type: none"> • 32/64-bit, 33/66 MHz PCI 2.2 • PICMG 2.1 R2.0 Full Hot Swap • CompactPCI 6U x 4HP (single slot)
Power requirements	<ul style="list-style-type: none"> • 20 W (max) @ +5 VDC • 5.3 W (max) @ +3.3 VDC • 10.7 W (max) @ VIO • PTMC sites @ up to 15 W per site
Certifications	<ul style="list-style-type: none"> • CE, UL, cUL, FCC Class A (pending)
Drivers	<ul style="list-style-type: none"> • Linux



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