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Data Sheet

August 15, 2026

CONCURRENT TECHNOLOGIES

Concurrent Technologies PP 200/012-12 Pentium M Single Board Computer

The Concurrent Technologies PP 200/012-12 is a, PC-compatible, single-slot CompactPCI single board computer designed for demanding embedded applications. It leverages the Intel Pentium 4 Processor-M, available in 2.2 GHz or 1.7 GHz variants, and supports a 400 MHz Front Side Bus with 512 KB of L2 cache. This board is engineered for reliability and solid operation in challenging environments, making it suitable for industrial control, telecommunications, telemetry, scientific, and aerospace sectors. Its functionality can be extended through the use of PMC modules, and it fully complies with the PICMG 2.16 specification for Packet Switching Backplane. At Aumictech, we specialize in supplying high-end embedded computing equipment. Whether you need a solid single board computer for critical control systems, reliable networking capabilities for data-intensive applications, or flexible expands



MODEL

Concurrent Technologies PP 200/012-12

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PP 200/012-12

LISTING

<https://aumictechlabs.com/products/pp-200-012-12-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications

- * Processor: * Intel Pentium 4 Processor-M * 2.2 GHz or 1.7 GHz options * 400 MHz Front Side Bus * 512 KB L2 cache * No CPU fan required
- * Memory: * Up to 2 GB DDR SDRAM with ECC support * 200 MHz DDR memory speed
- * Storage Interfaces: * Ultra 160 SCSI Interface * EIDE interfaces * On-board CompactFlash site * Optional on-board 2.5-inch disk drive or CompactFlash/Microdrive carrier (within a single slot)
- * Networking: * 3 × 10/100/1000 Mbps Ethernet interfaces (Gigabit Ethernet) * Dual Gigabit Packet Switching Backplane (PICMG 2.16)
- * Expansion Slots: * 1 x PMC module interface (32/64-bit at 33/66 MHz)
- * Graphics: * High-resolution graphics interface implemented by a Silicon Motion SM722
- * Interfaces: * PS/2 Keyboard and mouse port * 2 x USB ports * High resolution graphics interface * DVI-D Panel Link
- * 2 x RS232 ports * 3 x Ethernet (10/100/1000 Mbps) via rear transition module or front panel connector
- * CompactPCI controller (operates in system or peripheral slot, 32/64-bit at 33/66 MHz)
- * Optional Satellite Mode to bypass CompactPCI bus
- * BIOS & Application Flash: * 512 KB of BIOS Flash EPROM (8-bit wide) * 8 MB of Application Flash
- * System Management: * IPMI (Intelligent Platform Management Interface) compliant with PICMG 2.9 (System Management Specification)
- * Includes Baseboard Management Controller (BMC)
- * Full system monitoring capabilities
- * Physical: * Single-slot CompactPCI form factor
- * Compatibility: * Supports many popular industry-standard operating systems

Electrical

- * Memory Speed: 200 MHz DDR SDRAM
- * Front Side Bus: 400 MHz
- * Interfaces: * Ethernet: 3 × 10/100/1000 Mbps (Gigabit Ethernet)
- * SCSI: Ultra 160
- * EIDE: interfaces
- * CompactFlash: On-board site, optional carrier
- * USB: 2 x USB 2.0 ports
- * Serial Ports: 2 x RS232
- * Keyboard/Mouse: PS/2 ports
- * Graphics: DVI-D Panel Link, Silicon Motion SM722
- * PMC: 1 x module interface (32/64-bit, 33/66 MHz)
- * CompactPCI: 32/64-bit at 33/66 MHz

Physical

- * Form Factor: Single-slot CompactPCI
- * Compatibility
- * Operating Systems: Supports numerous industry-standard operating systems.

Why Choose Aumictech for Concurrent Technologies PP 200/012-12? At Aumictech, we specialize in supplying high-end embedded computing equipment. Whether you need a solid single board computer for critical control systems, reliable networking capabilities for data-intensive applications, or flexible expansion options for specialized hardware, our team ensures the Concurrent Technologies PP 200/012-12 delivers maximum performance for your application.

PP200012 Characteristics / Specifications

PARAMETER	VALUE
Model	PP 200/012-12
Also Known As	PP 200/01x / PP 200/013
Instrument Type	6U CompactPCI single board computer
Cpu	Intel Pentium 4 Processor-M 2.2 GHz or 1.7 GHz
Memory Max	up to 2 Gbyte DDR SDRAM with ECC
Example Memory	512 MB on PP 200/012-12 and PP 200/013 listings
Scsi	Ultra 160 SCSI interface
Ide	high-performance EIDE with onboard CompactFlash site
Disk Option	onboard 2.5 inch disk drive or CompactFlash/Microdrive carrier
Ethernet Count	3 interfaces
Ethernet Speed	10/100/1000 Mb/s
Packet Switching	dual Gigabit PICMG 2.16
Pmc Sites	1
Pmc Width	32/64-bit
Pmc Speed	33/66 MHz
Ipmi	PICMG 2.9 compliant IPMI
Mechanical Package	one-slot CompactPCI SBC
Manufacturer	Concurrent Technologies
Family	PP 200/01x
Part Example 0	760 6013-06
Host Slot	CompactPCI system slot class
Application Class	industrial telecom telemetry scientific aerospace
Os Support	popular industry-standard operating systems supported
Related Carrier	PP 310/01x intelligent dual-PMC CompactPCI sibling family

PP200012 Specifications

PARAMETER	VALUE
Applications	Industrial control, telecom, telemetry, scientific, and aerospace CompactPCI systems needing a PICMG 2.16 Gigabit SBC.
Key Features	1.7 or 2.2 GHz Pentium 4 Processor-M
Three Gigabit Ethernet ports	PICMG 2.16 packet-switching backplane
Technical Specifications	Model: PP 200/012-12

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance EIDE with onboard CompactFlash site, optional onboard 2.5 inch disk or CompactFlash/Microdrive carrier, three 10/100/1000 Mb/s Ethernet interfaces, dual Gigabit PICMG 2.16 packet-switching backplane, one PMC site 32/64-bit and 33/66 MHz, and PICMG 2.9 IPMI system management. PP 200/012-12 listings include a 2.2 GHz CPU with 512 MB RAM example population; PP 200/013 is the same family with part example 760 6013-06.	
Applications	
Industrial control, telecom, telemetry, scientific, and aerospace CompactPCI systems needing a PICMG 2.16 Gigabit SBC.	
Key Features	
1.7 or 2.2 GHz Pentium 4 Processor-M	
Up to 2 GB DDR ECC SDRAM	
Three Gigabit Ethernet ports	
PICMG 2.16 packet-switching backplane	
One 64-bit/66 MHz PMC site	
Technical Specifications	
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Model	PP 200/012-12
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Instrument Type	6U CompactPCI single board computer
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Ethernet Count	3 interfaces
Ethernet Speed	10/100/1000 Mb/s
Packet Switching	dual Gigabit PICMG 2.16
Pmc Sites	1
Pmc Width	32/64-bit
Pmc Speed	33/66 MHz
Ipmi	PICMG 2.9 compliant IPMI
Mechanical Package	one-slot CompactPCI SBC
Manufacturer	Concurrent Technologies
Family	PP 200/01x

PARAMETER	VALUE
Part Example 013	760 6013-06
Host Slot	CompactPCI system slot class
Application Class	industrial telecom telemetry scientific aerospace
Os Support	popular industry-standard operating systems supported
Related Carrier	PP 310/01x intelligent dual-PMC CompactPCI sibling family

Notes

From Concurrent Technologies PP 200/01x product literature and PP 200/012-12 / PP 200/013 configuration listings. Confirm CPU speed, memory size, disk/CF population, and whether the board is 012-12 or 013.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.