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Data Sheet

August 15, 2026

CONCURRENT TECHNOLOGIES

Concurrent Technologies PP 200/013 Pentium M Single Board Computer

The Concurrent Technologies PP 200/013 is a single-slot CompactPCI single board computer built around the Intel Pentium 4 Processor-M for industrial embedded applications requiring balanced processing capability and low thermal load. Designed for industrial control, telecommunications, telemetry, scientific, and aerospace environments, this PC-compatible SBC delivers flexible I/O connectivity, optional mass storage, and comprehensive system management through IPMI. Aumictech offers NIST-traceable calibration and repair for the Concurrent Technologies PP 200/013. Calibration covers analog input channel accuracy and offset at all gain settings, analog output accuracy, digital I/O logic threshold verification, sample rate and timing accuracy, and trigger and synchronization bus functional verification. NI CompactRIO and PXI chassis also undergo backplane trigger line integrity check.. All



MODEL

Concurrent Technologies PP 200/013

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PP 200/013

LISTING

<https://aumictechlabs.com/products/pp-200-013-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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processing capability and low thermal load. Designed for industrial control, telecommunications, telemetry, scientific, and aerospace environments, this PC-compatible SBC delivers flexible I/O connectivity, optional mass storage, and comprehensive system management through IPMI.

Technical Specifications

Processor Intel Pentium 4 Processor-M at 2.2 GHz or 1.7 GHz 400 MHz
Front Side Bus 512 Kbytes L2 Cache Fanless operation Memory Up to 2 Gbytes DDR SDRAM ECC memory support Storage EIDE interfaces with on-board CompactFlash site Optional 2.5-inch disk drive carrier Optional CompactFlash/Microdrive carrier I/O Interfaces Ultra 160 SCSI interface Three 10/100/1000 Mb/s Gigabit Ethernet ports Dual Gigabit Packet Switching Backplane (PICMG 2.16 compliant) One PMC module slot (32/64-bit, 33/66 MHz) High-resolution graphics interface PS/2 keyboard and mouse ports Two USB ports System Management PICMG 2.9 compliant IPMI with Baseboard Management Controller 512 Kbytes BIOS Flash EPROM 8 Mbytes Application Flash CompactPCI Controller 32/64-bit at 33/66 MHz CompactPCI interface Operates in system or peripheral slot Satellite Mode bypass capability

Key Features Fanless design eliminates cooling concerns in confined spaces. PMC expansion slot supports 32/64-bit and 33/66 MHz modules for customized functionality. Triple Gigabit Ethernet ports enable redundant or multi-path networking. Dual backplane architecture with PICMG 2.16 compliance supports high-speed packet switching. IPMI-based remote management allows out-of-band diagnostics and control.

Typical Applications Industrial control systems, telecommunications infrastructure, airborne telemetry, scientific instrumentation, and aerospace platforms requiring processing with minimal power dissipation.

Compatibility & Integration Supports industry-standard operating systems. CompactPCI form factor integrates into standard backplane environments. PICMG 2.16 and 2.9 compliance ensures interoperability with certified peripherals and management infrastructure.

PP200013 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

PP200013 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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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
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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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.