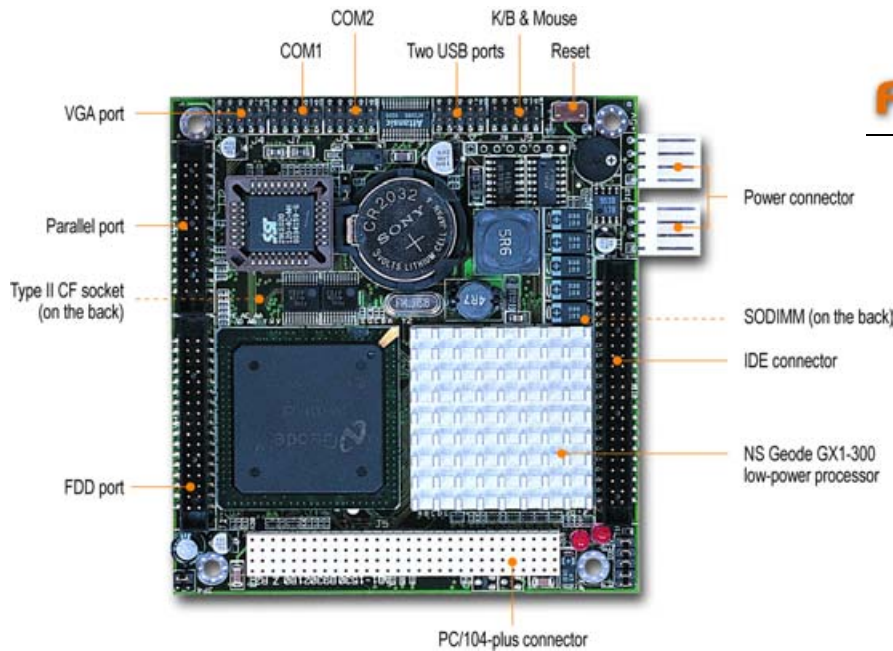


PEB-1530V

PC/104-plus CPU module, based on low power NS Geode GX1 processor with VGA



Feature

- PC/104-plus CPU module (De facto standard for embedded computing)
- Reliable low power Geode GX1 586+ processor 300 MHz
- On-board standard VGA and I/O
- Standard BIOS with extension for additional embedded features
- Up to 256 MB SDRAM on one SODIMM socket
- PC/104-plus expansion connector for versatile add-on function
- Type II CF socket for 8~320 MB CompactFlash disk

System

CPU	Low Power NS Geode GX1 Processor 300MHz
Chipset	NS Geode GX1 and CS5530A
Memory	Up to 256MB SDRAM on one SODIMM socket
L2 Cache	N/A
BIOS	Award (2Mb Flash ROM)
SSD	Type II Compact Flash Socket (Support 8~320MB Compact Flash or IBM Microdrive)
Storage Devices	Two EIDE devices; two FDDs
Watchdog Timer	Adjustable via hardware jumper with interval resolution setting from 0.5 sec. to 64 sec.
Expansion Interface	PC/104-plus
Hardware Monitoring	N/A
Power Requirement	+5V@1.2A
Dimension	96(L) x 90(W) mm; 3.8"(L) x 3.5"(W)
Environmental	Operation temperature: 0~55 °C Storage temperature: -20~75 °C Operation humidity: 5~95%

I/O

MIO	RS-232 x1, RS-422/485 x1, Parallel port x1
IrDA	N/A
Ethernet	N/A
Audio	N/A
USB	2
Mouse & K/B	1

Display

Chipset	Geode CS5530A
Memory Size	Up to 4MB shared memory
Resolution	1280 x 1024 x 8 bpp or 1024 x 768 x16 bpp
LCD interface	N/A
Video-in/TV-out	N/A

Ordering Information

Standard

PEB-1530V Low Power NS Geode GX1 processor 300MHz based PC/104-plus CPU module with VGA

Packing List

User's manual	x1
Utility CD	x1
PS/2 keyboard & mouse cable	x1
HDD cable	x1
FDD cable	x1
Printer port cable	x1
two Serial port cable with bracket	x1
AT-Power cable	x1
two USB port cable	x1
VGA port cable	x1



Stack type



Carrier type