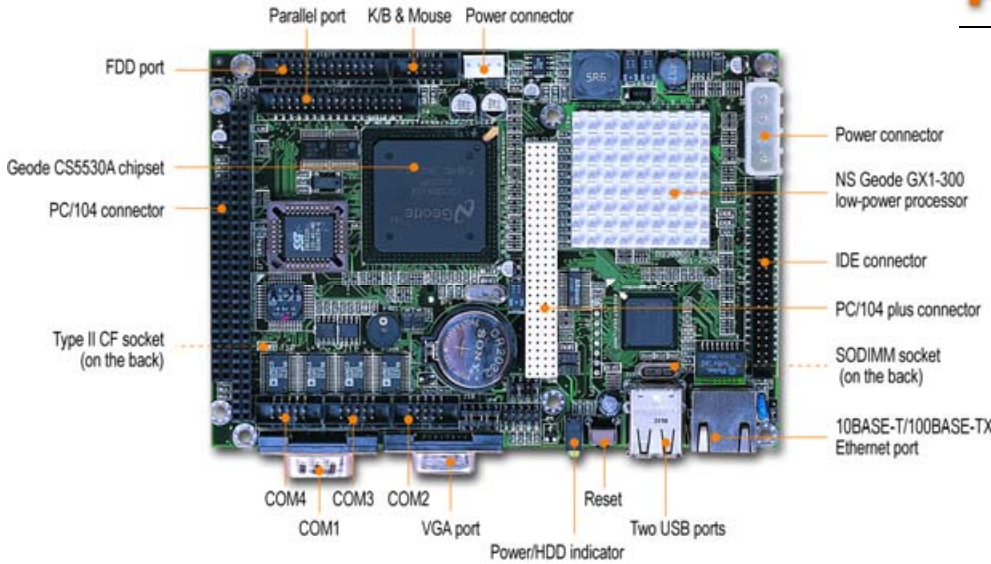


PEB-2530VL

3.5" embedded system board, based on low power NS Geode GX1 processor with VGA and LAN

Feature

- Reliable low power Geode GX1 586+ processor 300 MHz
- On-board standard VGA and I/O
- On-board 10BASE-T/100BASE-TX Ethernet
- Standard BIOS with extension for additional embedded features
- Up to 256 MB SDRAM on one SODIMM socket
- PC/104-plus and PC/104 expansion connector
- Type II CF socket for 8~320 MB CompactFlash disk
- 5V only operation for stand alone operation



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 & PC/104 (PCI & ISA bus)
Hardware Monitoring	N/A
Power Requirement	+5V @ 1.5A
Dimension	145(L) x 102(W) mm; 5.7"(L) x 4"(W)
Environmental	Operation temperature: 0~55 °C Storage temperature: -20~75 °C Operation humidity: 5~95%

I/O

MIO	RS-232 x2, RS-422/485 x2, Parallel port x1
IrDA	N/A
Ethernet	Intel® 82559, 10BASE-T/100BASE-TX, RJ-45 x1
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-2530VL 3.5" low power NS Geode GX1 processor 300MHz based ESB with VGA and Fast Ethernet

Packing List

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