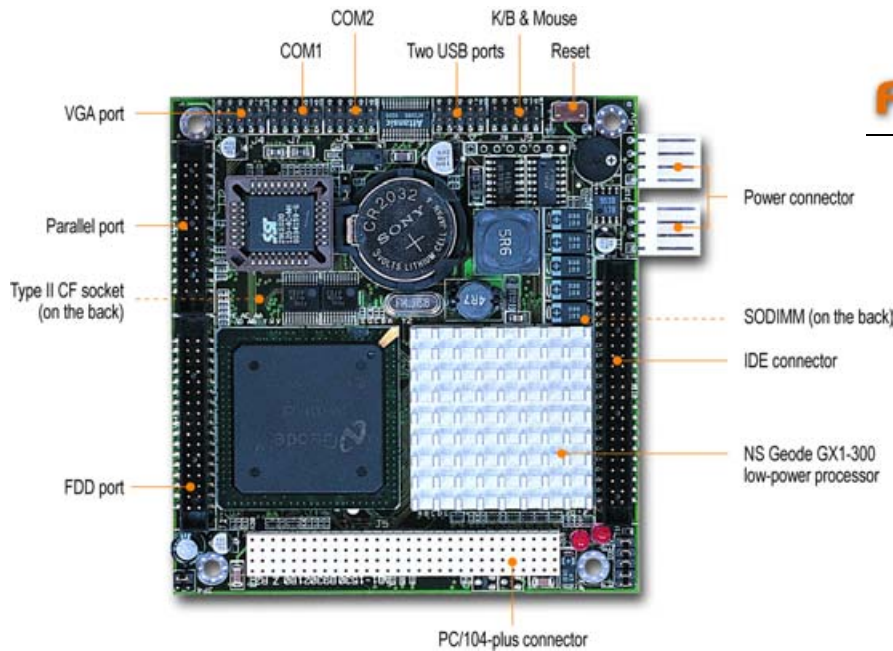


# PEB-1530V

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<br>Storage temperature: -20~75 °C<br>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