

PC-104 Products

AMD Geode GX1-300 PC-104 Module with LCD,
Ethernet, CF & USB



SPECIFICATION

- **CPU:**
Embedded Low Power 2.0V AMD GX-1-300 MHz
- **System Memory:**
SDRAM SODIMM x 1, Max. 512MB
- **Chipset:**
AMD CS5530A
- **I/O Chipset:**
Winbond W83977F. Fully 16-bit I/O decoded
- **BIOS:**
Award 256KB FLASH BIOS
- **Ethernet:**
Realtek 8139DL, 10/100 Mbps Ethernet
- **SSD:**
Type I CompactFlash slot
- **Watchdog Timer:**
1.6 sec interval Watchdog timer (Optional flexible interval available)
- **Battery:**
Lithium battery
- **Power Management:**
APM 1.2
- **Power Requirement:**
2.0A @ +5V
- **Board Size:**
3.55" (L) x 3.775" (W) (90mm x 96mm)
- **Gross Weight:**
0.6lb. (0.25kg)
- **Operating Temperature:**
0°C ~ 60°C (32°F ~ 140°F)
- **Operating Humidity:**
0% to 90% Relative Humidity, non-condensing

I/O

- **MIO:**
IDE x 1, FDD x 1, KB+Mouse x 1, RS-232 x 1
RS-232/422/485 x 1, Parallel x 1
- **IrDA:**
1 x 115 Kbps SIR, IrDA 1.0 compliant
- **USB:**
One 5 x 2 pin headers supports 2 USB 1.1 ports

Display

- **Chip:**
AMD CS5530A LCD/CRT Controller
- **Memory Size:**
Shared memory up to 4MB
- **Resolution:**
1024 x 768@ 16bpp (CRT), 1024 x 768@ 18bpp (TFT LCD)
- **LCD Interface:**
18-bit TFT LCD panel

Ordering Information:

PC104-A2535-B10:

PC-104 CPU Module, GX1-300MHz, with LAN, CF