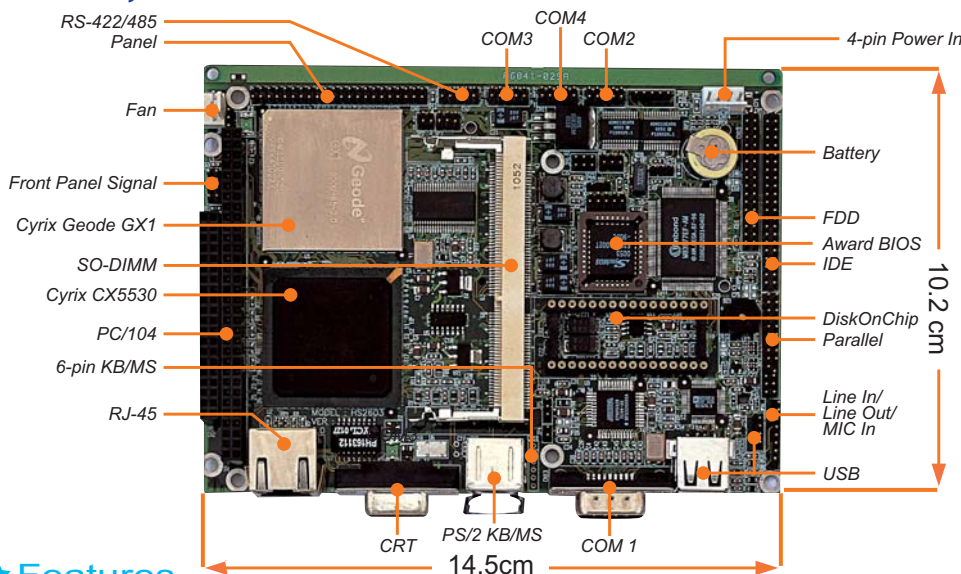


# Embedded Engine Board

## HS-2603

Cyrix Geode GX1 Embedded Engine Board with CompactFlash Reader, CRT/Panel, Audio, LAN & TV-Out

- ★ CompactFlash
- ★ LAN
- ★ IrDA
- ★ Mini PCI
- ★ Audio
- ★ USB
- ★ SO-DIMM
- ★ RS-232/422/485
- ★ DOC
- ★ CRT/Panel
- ★ 4 COM
- ★ WDT
- ★ TV-Out
- ★ PC/104
- ★ Single +5V



**Low Power!!**  
**Single +5V!!**

### ★ Ordering Guide

- **HS-2603**  
Cyrix Geode GX1 Embedded Engine Board with CRT/Panel, Audio & LAN

### ★ Features

- Cyrix Geode GX1 300MHz Low Power Embedded CPU
- Mini PCI Local Bus support
- One SO-DIMM socket with a max. capacity of 128MB
- Cyrix Geode GX1/CX5530 system chipset
- SMC 37C669 and Winbond W83977 super I/O chipset
- Cyrix CX5530 CRT/Panel display controller
- RealTek RTL8100 10/100 Based LAN
- Cyrix CX5530 3D audio controller
- Four COM, two USB connectors
- PC/104 Bus connector
- DiskOnChip socket supporting memory sizes of up to 288MB
- Supports Single +5V power in
- Supports CompactFlash card reader (optional)
- Supports TV-Out function (optional)

### ★ Specifications

- \* **CPU:** Cyrix Geode GX1 300MHz Low Power Embedded CPU
- \* **Bus Interface:** Mini PCI Local Bus
- \* **Memory:** One SO-DIMM socket supporting up to 128MB
- \* **Chipset:** Cyrix Geode GX1/CX5530
- \* **I/O Chipset:** SMC 37C669, Winbond W83977
- \* **CompactFlash:** One, IDE interface adapter (optional)
- \* **VGA:** Cyrix CX5530 with 4MB memory supporting CRT/Panel displays up to 1024 x 768 at 16-bit colors
- \* **TV-Out:** Supports PAL or NTSC TV systems (optional)
- \* **LAN:** RealTek RTL8100 10/100 Based LAN
- \* **Audio:** Cyrix CX5530 3D audio controller
- \* **IDE:** Two IDE disk drives supporting ATA/33 and with a transfer rate of 33MB/sec.
- \* **FDD:** Supports up to two floppy disk drives
- \* **Parallel:** One enhanced bi-directional parallel port supporting SPP/ECP/EPP
- \* **Serial Port:** 16C550 UART-compatible RS-232/422/485 x 1 and RS-232 x 3 serial ports with 16-byte FIFO
- \* **PC/104:** PC/104 Bus connector for 16-bit ISA Bus
- \* **IrDA:** One IrDA TX/RX header
- \* **USB:** Two USB connectors
- \* **Keyboard/Mouse:** PS/2 6-pin Mini DIN or 6-pin header
- \* **DiskOnChip:** DiskOnChip socket supporting memory sizes of up to 288MB
- \* **BIOS:** Award PnP Flash BIOS
- \* **Watchdog Timer:** Sets 1/2/10/20/110/220 seconds activity trigger with Reset or NMI
- \* **CMOS:** Battery backup
- \* **Power:** Single +5V/2A power in
- \* **Operating Temperature:** -20~+60°C
- \* **Dimensions:** 14.5 x 10.2 cm