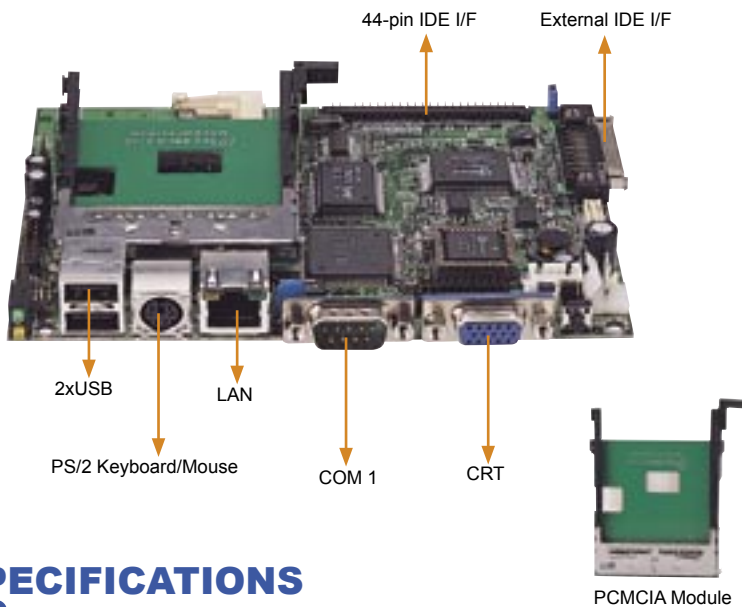


# WAFER-5825/5826

3.5" GX1-300 Fanless Embedded Board with LCD/CRT VGA, LAN, PCMCIA



WAFER-5825

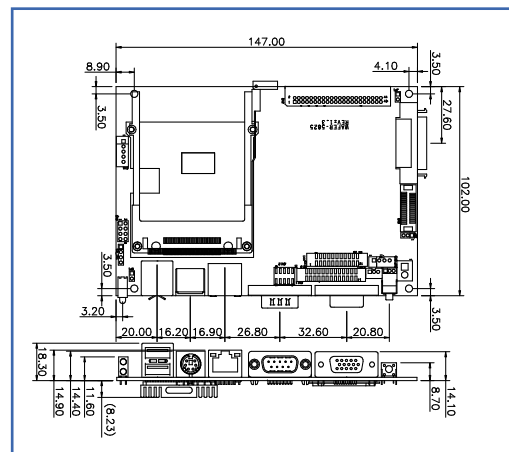


WAFER-5826

## SPECIFICATIONS

- ◆ CPU: NS Geode GX1-300MHz
- ◆ System Memory: Supports up to 512MB (1x 144pin SO-DIMM)
- ◆ Display: Built-in CS5530A chipset
  - V-RAM: share with system memory (up to 4MB) setting by BIOS
  - Resolution: Max.1280x1024, 256 colors for CRT 1024x768, 64K for LCD
  - Connector: External DB-15 for CRT and one internal 31-pin LCD connector (DF9, Hirose)
- ◆ I/O:
  - 2 x RS-232 (16C550 UARTs compatible)
  - 1 x Parallel (SPP/EPP/ECP)
  - 2 x USB 1.1
  - 1 x IrDA (SIR)
  - 1 x IDE channel (1x44-pin header)
  - 1 x IDE high-density external connector (WAFER-5825)
  - 1 x 2.0mm pitch FDD connector (WAFER-5826)
- ◆ Ethernet: 1 x 10/100Mbps RTL8100BL ethernet controller supports WOL function
- ◆ Expansion: PCMCIA type II socket
- ◆ WDT: Software programmable, supports 1~ 255 sec. system reset
- ◆ Power connector:
  - 12V input 2-pin (3.96mm pitch) (WAFER-5825)
  - 5V input 2-pin (3.96mm pitch) (WAFER-5826)
  - Molex equivalent SPOX header
- ◆ Power Consumption (with 64MB SDRAM): WAFER-5825 12V@1A; WAFER-5826 5V@1.5A
- ◆ Operating Temperature: 0~60°C
- ◆ Relative Humidity: 5~95%, non-condensing
- ◆ Form Factor: 3.5" disk size Embedded Board
- ◆ Dimensions: 145 x 102 mm (5.8" x 4")
- ◆ GW: 700g

## Dimensions



### EB-1825

Embedded chassis for WAFER-5826

- ◆ Supports one PCMCIA type II socket
- ◆ Equipped with power adapter, (+5V@5A)
- ◆ Supports One 2.5 drive bay
- ◆ Dimension: 154mm(W) x 51mm(H) x 106mm(D)

## ORDERING INFORMATION

- **WAFER-5825-300**  
Embedded NS GX1 300MHz SBC, +12V input with LCD/CRT VGA /LAN /PCMCIA/External IDE
- **WAFER-5826-300**  
Embedded NS GX1 300MHz SBC, +5V input with LCD/CRT VGA /LAN /PCMCIA/FDD port