

WAFER-5823

3.5" GX1-300 Embedded Board with

Dual LAN and LCD/CRT VGA



SPECIFICATIONS

- **CPU:** NS Geode GX1-300MHz
- **System Memory:** Supports up to 512MB SO-DIMM
- **Display:** Built-in CS5530A chipset
 - V-RAM: share with system memory (up to 4MB) setting by BIOS
 - Resolution: 1280 x 1024, 256 colors for CRT;
 - 1024 x 768, 64K color for LCD
 - Connector: External DB-15 for CRT and one internal 18-bit 44pin pin-header for LCD
- **Ethernet:** Dual Intel 82559 or Realtek RTL8139C/8100BL 10/100 Ethernet controllers supports WOL, AOL (Intel only) function
- **SSD:** CompactFlash Typell socket support Flash Disk, IBM MicroDrive
- **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 FDD
 - 1 x IDE channel (1 x 44-pin header)
- **PC/104:** one for PC/104 add-on modules
- **WDT:** Software programmable, supports 1~255 sec. system reset
- **Power function:** supports ATX power functions
- **Power Consumption (with 64MB SRAM):** 5V@2A, 12V@100mA
- **Operating Temperature:** 0-60°C
- **Relative Humidity:** 5~95%, non-condensing
- **Dimensions:** 145 x 102 mm (5.7" x 4")
- **GW:** 700g

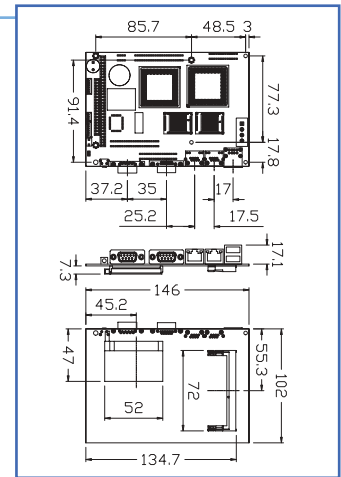
ORDERING INFORMATION

- **WAFER-5823N-300** WAFER-5823 with NS Geode GX1-300 CPU and dual Intel 82559 LAN
- **WAFER-5823R-300** WAFER-5823 with NS Geode GX1-300 CPU and dual Realtek RTL 8139C/8100BL LAN
- **32100-052100** WAFER-5823 ATX-PSON connection cable Length: 30cm

WAFER-5823
Cable Kit

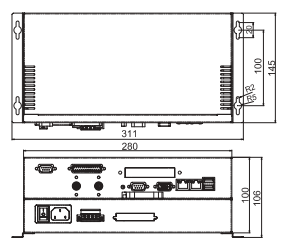


Dimensions



EB-1830 Embedded Chassis for WAFER-5823

- Supports one PC/104 module space
- Optional PCMCIA interface
- Equipped with ACE-890A
- Optional ACE-855/ 890 series PSU
- Supports two 2.5" HDD drive bay.



WAFER-5821

GX1-300 Embedded Board

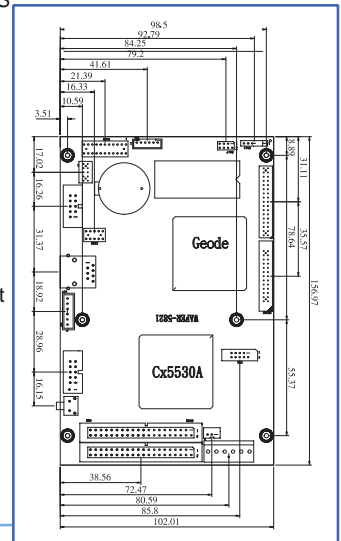
SPECIFICATIONS

- **CPU:** NS Geode GX1-300MHz
- **System Memory :** Supports up to 512MB SO-DIMM
- **Display :** built-in CS5530A chipset
 - V-RAM: share with system memory (up to 4MB) setting by BIOS
 - Resolution : 1280 x 1024, 256 colors
 - Connector : 2x5 by pin-header for CRT display
- **Ethernet:** Realtek RTL8139C/8100BL 10/100 Ethernet Controller supports WOL function
- **SSD:** One DiskOnChip Flash Disk
- **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 FDD
 - 2 x IDE channel (2x40 by pin-header)
- **4 Digital Inputs / 4 outputs**
- **WDT:** Software programmable supports 1~255 sec. system reset
- **Support ATX power function**
- **Power Consumption(with 64MB SDRAM) :** 5V@2A, 12V@100mA typical
- **Operating Temperature :** 0-60°C
- **Relative Humidity:** 5~95%, non-condensing
- **Dimensions:** 157 x 102 mm (6.2" x 4")
- **GW:** 700g

ORDERING INFORMATION

- **WAFER-5821-300** GX1-300 Embedded Board

Dimensions



Best Solution for Network Attached PC-Base Controller Application !

