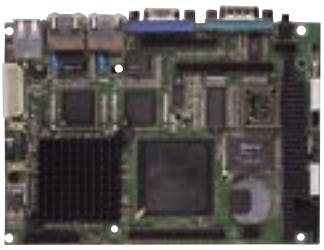
WAFER-5823

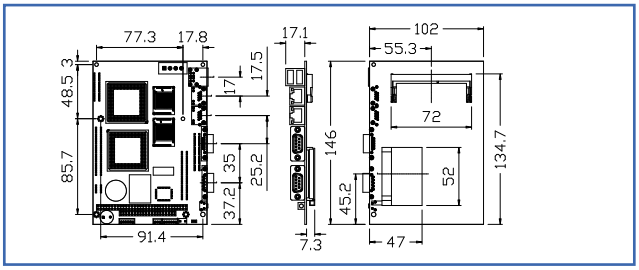
3.5" GX1-300 Embedded Board with Dual LAN and LCD/CRT VGA

WAFER-5821

GX1-300 Embedded Board



Dimensions



Microsoft Windows Powered

SPECIFICATIONS

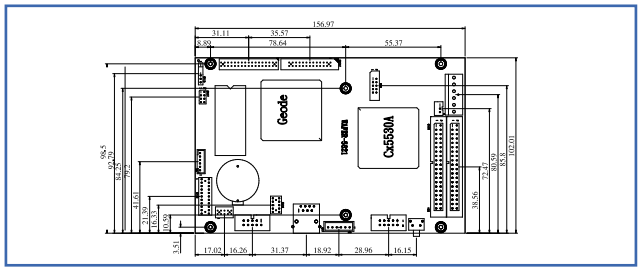
- CPU: NS Geode GX1-300MHz
- System Memory: Supports up to 512MB SO-DIMM
- Display:
  - Built-in CS5530A chipset
  - V-RAM: share with system memory (up to 4MB) setting by BIOS
  - Resolution:
  - 1280 x 1024, 256 colors for CRT; 1024 x 768, 64K color for LCD
  - Connector:External DB-15 for CRT and one internal 18-bit 44pin pin-header for LCD
- Ethernet: Dual Intel 82559 or Realtek RTL8100B 10/100 Ethernet controllers supports WOL, AOL (Intel only) function
- SSD: CompactFlash TypeII 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,
- 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-R2**
  WAFER-5823 with NS Geode GX1-300 CPU and dual Realtek RTL 8100B LAN
- **32100-052100**
  WAFER-5823 ATX-PSON connection cable Length: 30cm
- **EBC-1000/ACE-890A**
  Industrial 3.5" Embedded Chassis with 90W AT Power supply Without I/O Bracket
- **BK-5823**
  WAFER-5823/E669 I/O Bracket with cable set

Best Solution for Network Attached PC-Base Controller Application !

Dimensions



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 RTL8100B 10/100 Ethernet Controller supports WOL function
- SSD: One DiskOnChip
- 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-R2**
  GX1-300 Embedded Board

WAFER-5823 ATX PowerCable Kit
32100-052100