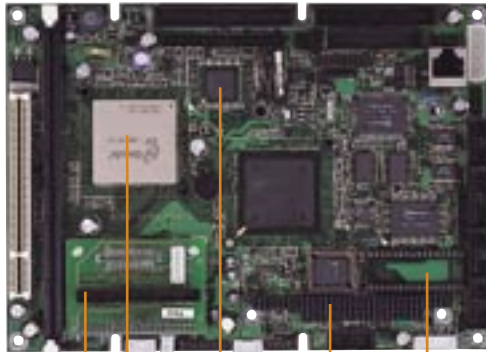


NOVA-4898

5.25" GX1-300MHz CPU Board with LCD/ CRT
VGA, TV Out, LAN & Audio



FP24-01A AMD GX1 300 Intel 82551 LAN
(or Realtek 8100BL LAN) PC/104 DiskOnChip Socket



Rear Side



CF Type II Socket

Specifications

CPU	Embedded AMD Geode GX1 300MHz
BIOS	Award PnP Flash BIOS
System Chipset	AMD Geode™ GX1 + CS5530A
System Memory	1 xPC100/133 SDRAM up to 512MB
Display	<ul style="list-style-type: none"> – Built-in CS5530A chipset, supports TFT LCD & CRT display – V-RAM: Share with system memory (up to 4MB), setting in BIOS – Resolution: 1280 x 1024 for CRT display – Connector: 10-pin pin-header for CRT display (Shipping with cable for DB-15 connector) 50-pin pin-header for 18-bit TFT LCD 44-pin pin-header for 18-bit LCD (With FP24-01A board) Built-in TV out function supports NTSC and PAL signal Optional LVDS-01 LVDS module for LVDS LCD panel
Ethernet	Single 10/100Mbps Intel 82551 Fast Ethernet controller (NOVA-4898N) Or Single 10/100Mbps Realtek 8100BL Fast Ethernet controller (NOVA-4898R)
SSD	One DiskOnChip socket and one CF Type II socket (Support IBM Microdrive compact size HDD)
Audio	AC'97 compliant Audio CODEC
I/O	<ul style="list-style-type: none"> – 3 x RS-232 port – 1 x RS-232/422/485 selectable port – Serial ports provides +5V & +12V power supply – 1 x parallel port (support SPP/EPP/ECP mode) – 2 x USB 1.1 (pin header) – 1 x IrDA port – 1 x FDD port – 2 x ATA-33 IDE channel (40-pin/44-pin)
Digital I/O	TTL level, 4 x inputs and 4 x outputs
WDT	software programmable, support 1~ 255 sec. system reset
Power Control Function	Support ATX function
Expansion Slot	One PCI slot and one PC/104 connector for add-on card
Power Consumption	+5V@2A, +12V@100mA (GX1 300MHz CPU and 32MB SDRAM)
Operating Temperature	0~60°C
Relative Humidity	5~95%, non-condensing
GW	700g
Note	Equipped with a standard FP24-01A board

IEI Option

- **LVDS-01-R7**
One channel LVDS module, 18-bit Work with NEC 15" NL1027BC30-04F LCD Panel, etc.
- **CB-USB02**
Dual ports USB cable with bracket

Feature

- AMD Geode GX1-300 CPU for Fanless system support
- CRT display integrated in CS5530A, support LVDS module (optional), TV-Out
- 1x PC133 SDRAM support up to 512MB
- Support 1x PCI and PC/104 extension slots
- CFII,DOC,LAN, USB, Multi-COM, Audio integrated



EB-2810

Embedded Chassis for NOVA-4898

Specifications

- ◆ Support one PC/104 module space
- ◆ Equipped with ACE-916A PSU
- ◆ Optional ACE-816/916 series PSU
- ◆ Support two 2.5" drive bay
- ◆ Two cooling fans
- ◆ Dimension: 325mm(W)x 50mm(H)x 300mm(D)

Ordering Information

- **EB-2810/ACE-916A**
Embedded chassis with ACE-916A 150W AT power supply
- **EB-2810/ACE-816A**
Embedded chassis with ACE-816A 150W ATX power supply

Ordering Information

- **NOVA-4898N-300-R4**
5.25" GX1-300MHz CPU Board with LCD/ CRT VGA, TV Out, Intel LAN & Audio, R4
- **NOVA-4898R-300-R4**
5.25" GX1-300MHz CPU Board with LCD/ CRT VGA, TV Out, Realtek LAN & Audio, R4