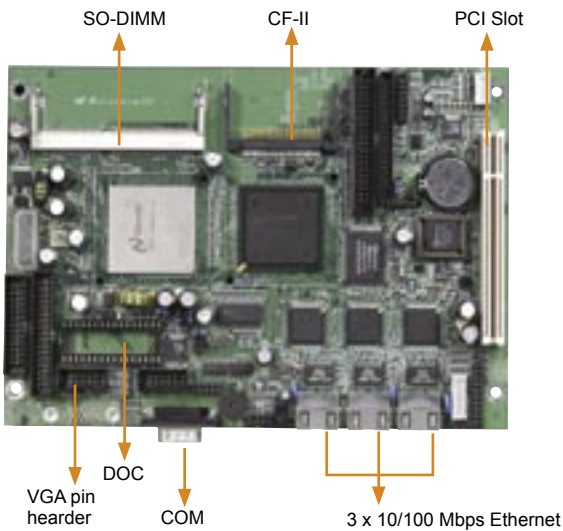


NOVA-4899

5.25" GX1-300MHz CPU Board with VGA, 3 LAN, VGA, CFII



Feature

Fanless

- Embedded AMD Geode GX1-300 CPU for Fanless system support
- CRT display integrated in CS5530A, support 18-bit TFT LCD, LVDS(optional), TV-Out
- 1x PC133 SDRAM SO-DIMM support up to 512MB
- support 1x PCI expansion slot
- CFII, DOC, Triple LAN, USB, Audio integrated

Specifications

CPU	AMD Geode GX1-300MHz
BIOS	Award PnP Flash BIOS
System Chipset	AMD Geode GX1 + CS5530A
System Memory	One 144-pin DIMM socket up to 512MB SDRAM
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	<ul style="list-style-type: none"> Three 10/100Mbps Intel 82551 Fast Ethernet controller (NOVA-4899N) Or Three 10/100Mbps Realtek 8100BL Fast Ethernet controller (NOVA-4899R)
SSD	1 x Compact Flash™ Type II socket and 1 x DiskOnChip socket
Audio	AC'97 Codec (Realtek ALC 202A)
I/O	<ul style="list-style-type: none"> - 2 x RS-232 serial port - 1 x LPT parallel port supports SPP/ECP/EPP Mode - 2 x USB 1.1 - 2 x ATA-33 IDE (40/44-pin by pin header) - 1 x Floppy (34-pin with 2.54mm pitch)
Digital I/O	TTL level, 4 x inputs and 4 x outputs
Expansion slot	1 x PCI slot
WDT	Software programmable supports 1 ~ 255 sec system reset
Power Supply Input	4-pin power housing (5.25" Drive Connector)
Power Consumption	5V@2A, 12V@100mA (With 64MB SDRAM)
Operation Temperature	0~60°C
Relative Humidity	5~95%, non-condensing

Ordering Information

- **NOVA-4899N**
5.25" GX1-300MHz CPU Board with VGA, 3 Intel LAN, VGA, CFII
- **NOVA-4899R**
5.25" GX1-300MHz CPU Board with VGA, 3 Realtek LAN, VGA, CFII

Networking Platform Integrated Solution Ready!



FWAP-2680L
Desktop Solution



One 2.5" HDD drive bay



Specifications

- ◆ Management: Console on the front panel
- ◆ FWAP-2680L supports one A125 16x2 characters LCD display module with RS-232 interface
- ◆ Ethernet: FWAP-2680: External RJ-45 x 3,
- ◆ WDT: Software programmable, support 1~ 255 sec. system reset
- ◆ Vibration: 5 ~ 17Hz, 0.1" double amplitude displacement
17 ~ 640Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Operation temperature: 0 ~ 50°C
- ◆ Color: Dark Blue (PANTONE 433C)

ITEM	FWAP-2680L
Mount Solution	Desktop and Wall mount
Embedded board	NOVA-4899
CPU	NS Geode GX1-300MHz
System Chipset	NS CS5530A
System Memory	SO-DIMM Up to 512MB DRAM
SSD	1 x Compact Flash™ type II
System FAN	One 40 x 40 x 10 mm
CPU Cooling FAN	Fan-less
Power Supply	AC Input 46W Adapter
DC Power Supply	N/A
Dimension	320(W)x44(H)x165(D)mm
Drive Bay	One 2.5" HDD

Ordering Information

- **FWAP-2680**
Rackmount Internet Security Platform with 3 Ethernet Ports
- **FWAP-2680L**
Rackmount Internet Security Platform with 3 Ethernet Ports and LCD Display

Single Board Computer

PIAGP Series
PICMG
Half-Size
Industrial Motherboard
5.25" NOVA
EPIC NANO
3.5" WAFER
ETX
PC/104
Add-on Card
IVC Card
Backplane

LCD Product Series

Chassis

Power supply

Peripheral