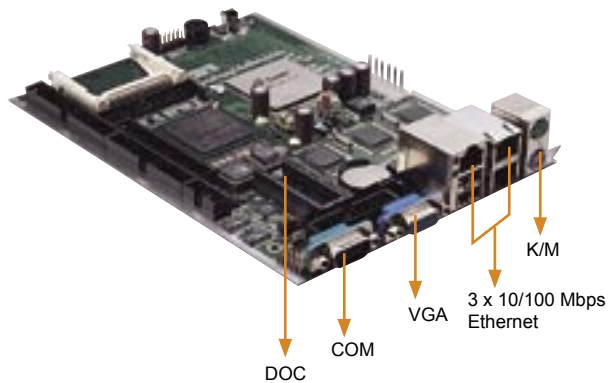


# ISS-102

5.25" GX1-300MHz CPU Board with three Realtek LANs



## Feature



- AMD Geode GX1-300 CPU for Fanless system support
- CRT/LCD integrated in CS5503A, support 18-bit LCD
- 1x PC133 SDRAM SO-DIMM support up to 512MB
- CFII, DOC, IBM MicroDrive, USB integrated
- CFII, LAN, USB2.0, Multi-COM, Audio, SATA integrated

## Specifications

<b>CPU</b>	AMD Geode GX1-300MHz
<b>System Chipset</b>	AMD CS5530A
<b>System memory</b>	Supports up to 512MB (1 x 144pin SO-DIMM)
<b>BIOS</b>	Award PnP BIOS
<b>Display</b>	<ul style="list-style-type: none"> <li>- CS5530A chipset integrated</li> <li>- V-RAM: share with system memory (up to 4MB) setting by BIOS</li> <li>- Resolution: 1280 x 1024, 256 colors for CRT; 1024 x 768, 64K color for LCD</li> <li>- Connector: DB-15 for CRT, 18-bit 44-pin by pin-header for LCD display</li> </ul>
<b>I/O</b>	<ul style="list-style-type: none"> <li>- 1 x RS-232 port</li> <li>- 2 x USB 1.1</li> <li>- 1 x Printer port</li> <li>- 1 x IrDA</li> <li>- 2 x IDE (2x40-pin by pin-header)</li> <li>- 1 x FDD</li> </ul>
<b>Digital I/O</b>	TTL Level, 4 inputs and 4 outputs
<b>Ethernet</b>	3 x Intel 82559 or Realtek RTL8100B 10/100Mbps Chip on board, supports WOL, AOL (Intel only) function
<b>SSD</b>	Compact Flash Type II socket supports Flash Disk, IBM MicroDrive + DiskOnChip socket
<b>WDT</b>	Software programmable, support 1~ 255 sec. system reset
<b>Power Control Function</b>	support ATX power functions with power adapter
<b>Power Consumption</b>	5V@2A, 12V@100mA (12v@100mA for LCD display only) (with 64MB SDRAM)
<b>Operating Temperature</b>	0-60°C
<b>Dimensions</b>	192 x 139.98 (mm)
<b>GW</b>	718g

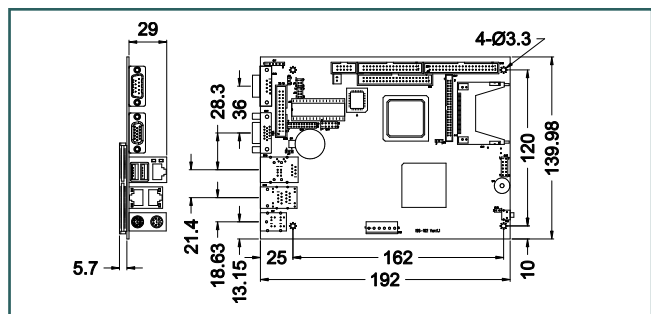
## Packing list

IDE Flat Cable	32200-000005	X1
Floppy Cable	32200-000017	X1
Printer Cable	32200-000040	X1
Serial Port Cable	32200-000015	X1
Connecting Cable	32100-047900	X1
CD Utility and driver	--	
User's Manual / QIG	--	

## Ordering Information

- **ISS-102R-300-R2**  
5.25" GX1-300MHz CPU Board with three Realtek 8100B LANs

## Dimensions



## IEI Option

### EB-3800/3820

5.25" Drive Compatible Case for ISS-102



## SPECIFICATIONS

- ◆ Mounts directly in the 5.25" drive bay
- ◆ Power, Alarm, LAN and HDD LEDs
- ◆ One internal 2.5" HDD Drive Bay
- ◆ EB-3800 power requirement 5V and 12VDC
- ◆ Equipped with power adaptor 12V@3.8A (EB-3820)
- ◆ Optional A78 built-in 2 x 20 characters LCD display module

## ORDERING INFORMATION

- **EB-3800/XXXX**  
5.25" Drive Compatible case for ISS-102
- **EB-3820/XXXX**  
5.25" Drive Compatible case for ISS-102 with Power adaptor

## 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