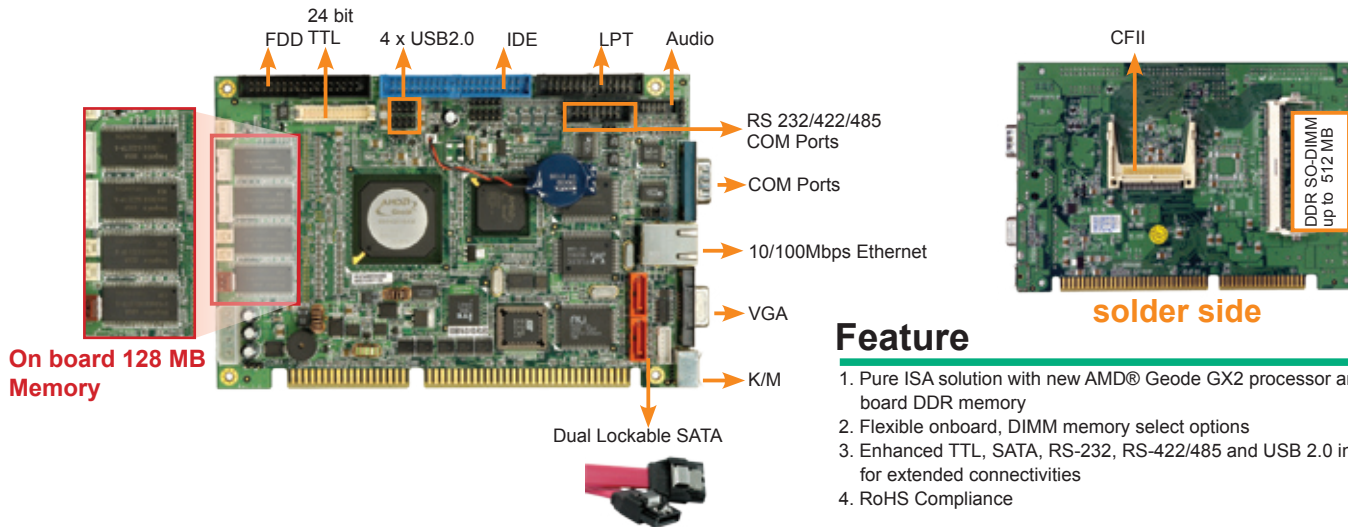


# IOWA-GX

Pure ISA CPU Board with onboard memory support!

Half-Size ISA Board, fanless AMD® Geode GX SBC with Onboard DDR Memory, SATA RAID 0,1 function, and TTL support.



## Feature

1. Pure ISA solution with new AMD® Geode GX2 processor and on board DDR memory
2. Flexible onboard, DIMM memory select options
3. Enhanced TTL, SATA, RS-232, RS-422/485 and USB 2.0 interfaces for extended connectivities
4. RoHS Compliance

## Specification



- ◆ **CPU**  
AMD® Geode GX-466 333MHz processor
- ◆ **Cache Memory**  
16K I/ 16k D
- ◆ **System Chipset**  
AMD® CS5536
- ◆ **BIOS**  
AWARD
- ◆ **System Memory**  
Onboard 128MB  
1 x 200-pin SO-DIMM DDR 266MHz up to 512MB
- ◆ **Ethernet**  
Realtek RTL8100C for 10/100Mbps
- ◆ **I/O**  
**I/O Interface**  
4 x USB 2.0  
2 x SATA-150 with ALI M5283 RAID 0,1 function support.  
1 x IDE  
1 x LPT  
1 x FDD  
1 x CFII  
1 x RS-232 ; 1 x RS-232/422/485  
1 x PS/2 keyboard/mouse
- ◆ **Super I/O**  
W83627EHG
- ◆ **Audio**  
Realtek ALC203 with AC'97 codec
- ◆ **Display**  
CRT integrated in AMD® Geode GX466
- ◆ **TTL**  
24-bit TTL LCD integrated in AMD Geode GX-466
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. System reset reset
- ◆ **Power Supply**  
+5V± 5%, AT/ATX power support
- ◆ **Power Consumption**  
+5V@0.92A (AMD GX 466 with DDR 256MB RAM)
- ◆ **Temperature**  
operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
operation: 5% ~ 95% non-condensing
- ◆ **Dimension**  
165mm x 115 mm
- ◆ **Weight**  
GW: 1.0Kg

## Packing List

1 x IOWA-GX single board computer	1 x Keyboard/ PS2 mouse cable (P/N: 32000-000138-RS)
1 x Mini jumper pack	1 x USB cable (P/N: CB-USB02-RS)
1 x IDE flat cable 40p/40p/40p ( P/N: 32200-000052-RS)	1 x Audio cable (32000-072101-RS)
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x SATA power cable (P/N: 32100-088600-RS)	1 x QIG

## Ordering Information

Part No.	Description
IOWA-GX-466-128MB-R10	Half-size SBC with AMD GX 466 processor 333Mhz, CRT/LCD,LAN, Audio and onboard 128MB DDR RAM
IOWA-GX-466S-128MB-R10	Half-size SBC with AMD GX 466 processor 333Mhz, CRT/LCD,LAN, SATA, Audio and onboard 128MB DDR RAM
19800-000049-RS	LPT cable
CB-USB02-RS	USB cable