

# NuPRO-796 Series

PCI™ Half-Size AMD Geode™ GX 533 SBC with LAN, LVDS, Serial ATA, and CF



## Features

- PCI™ Half-Size SBC
- Integrated AMD Geode™ GX 533 processor with ultra low power consumption
- Onboard 128 MB DDR266 memory
- Four Serial ATA storage devices with software RAID support
- Fanless capable

## Ordering Information

NuPRO-796S-533	PCI™ Half-Size AMD Geode™ GX533 SBC with LAN, LVDS, Serial ATA, and CF
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## Recommended Chassis

Model Number	Description/Configuration
RK-604A	4-slot Wallmount Compact Size Chassis for Half-size SBC
RK-606UC	6-slot Desktop/Wallmount Chassis for Full-Size SBC
RK-136	1U Rackmount Industrial Chassis for SBC

## Backplane Compatibility

Model Number	Description/Configuration
HPM-4S	One PCI™ system slot, three PCI-33 peripheral slots
HPM-5S	One PCI™ system slot, four PCI-33 peripheral slots

## Specifications

### System

CPU	Embedded AMD Geode™ GX2 processor AMD Geode™ GX 533 @ 1.1 W processor
FSB	400 MHz
Chipset	AMD Geode™ CS5535 Companion Device
Memory	Onboard 128 MB DDR266 memory One 200-Pin SODIMM for additional 512 MB DDR266 memory
BIOS	Award 1 Mb flash memory
Watchdog Timer	254-level timer generates RESET or NMI
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages

### I/O Interfaces

IDE	One-channel UltraATA 66/100
CompactFlash	One CompactFlash® Type II socket
Serial ATA	Four Serial ATA ports with 1.5 Gbps data transfer rate, supports RAID 0/1/0+1
USB	Four USB 1.1 ports (two on faceplate, two on onboard pin header)
Multi I/O	Two RS-232, one LPT, one PS/2 Keyboard, and one PS/2 Mouse

### Display

VGA	AMD Geode™ GX 533 integrated VGA with UMA memory up to 16 MB
LVDS	Resolution up to 1280 x 1024 @ 60 Hz with 18-bit TFT support

### Ethernet

10/100 LAN	Onboard Intel® 82551ER Ethernet controller supports 10/100 Fast Ethernet
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### Mechanical and Environmental

Form Factor	PCI™ Half-Size CPU board
Dimensions	185.2 mm x 123.1 mm (L x W)
Operating Temp.	0°C to 60°C
Storage Temp.	-20°C to 80°C
Compliance	CE, FCC Class A