



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

Specifications

Processor System

CPU	Embedded AMD Geode™ GX2 processor, xxx GHz, 400 MHz FSB, xMB L2 Cache AMD Geode™ GX 533 @ 1.1 W processor, xxx GHz, 400 MHz FSB, xMB L2 Cache
Chipset	AMD Geode™ CS5535 Companion Device
Memory	Onboard 128 MB DDR266 memory 1x 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
Operating Systems	Windows® 2000/XP/Server 2003, Fedora™ Core 5

I/O Interfaces

IDE (PATA)	1x UltraATA 66/100
CompactFlash	Onboard CompactFlash® Type II socket
Serial ATA	4x Serial ATA ports with 1.5 Gbps data transfer rate, supports RAID 0/1/0+1
USB	4x USB 1.1 ports (2x faceplate, 2x onboard pin header)
KB/MS	1x PS/2 keyboard/mouse
Parallel Port	1x LPT
Serial Port	2x RS-232

Audio

Audio Codec	Realtek ALC 203 AC'97 codec
Interface	Support Line-in, Line-out and Mic-in

Display

Graphics	AMD Geode™ GX 533 integrated VGA
VRAM	Shared system memory up to 16MB
CRT	External Dsub-15 connector
LVDS	18-bit LVDS support up to 1280 x 1024

Ethernet

Controller	Onboard Intel® 82551ER Ethernet controller supports 10/100 Fast Ethernet
Interface	PCI™ bus
Wake On LAN	Yes

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
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensed

Ordering Information

Model Number	Description/Configuration
NuPRO-796S-533	PCI™ Half-Size AMD Geode™ GX533 SBC with LAN, LVDS, SATA, and CF

Packing List

NuPRO-796	2x SATA data cable
1x UltraATA 100 IDE cable	1x SATA power cable
1x USB 2.0 cable bracket	Driver CD
1x COM port cable with bracket	User's manual
1x COM+Parallel port cables with bracket	