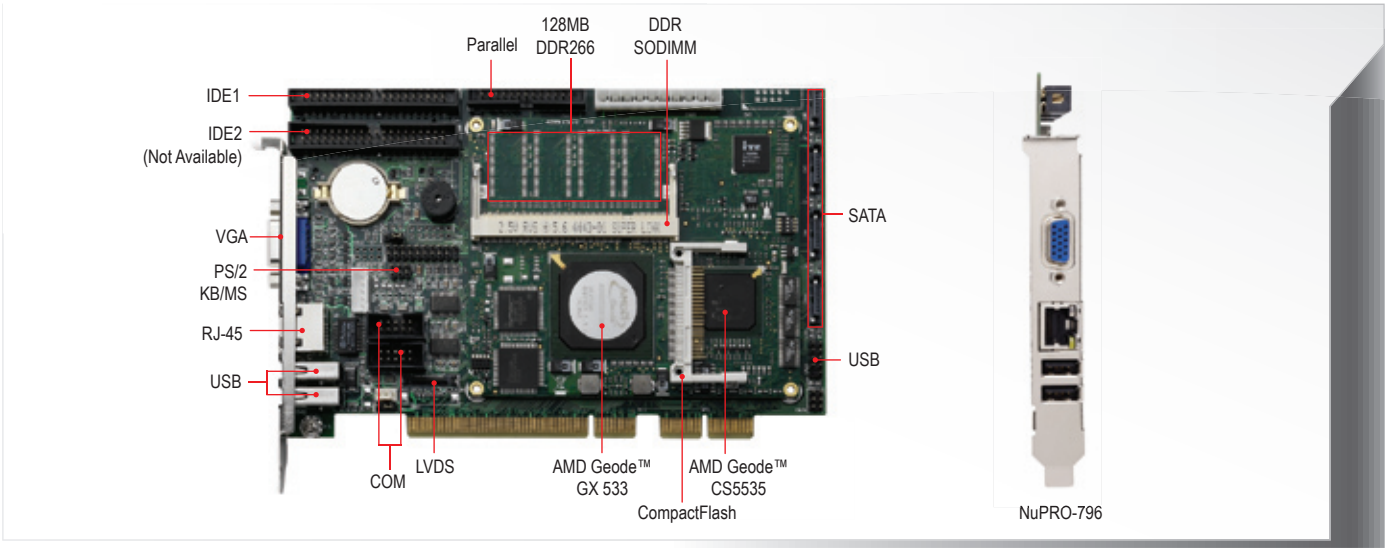
# NuPRO-796

## 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

## 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 | |