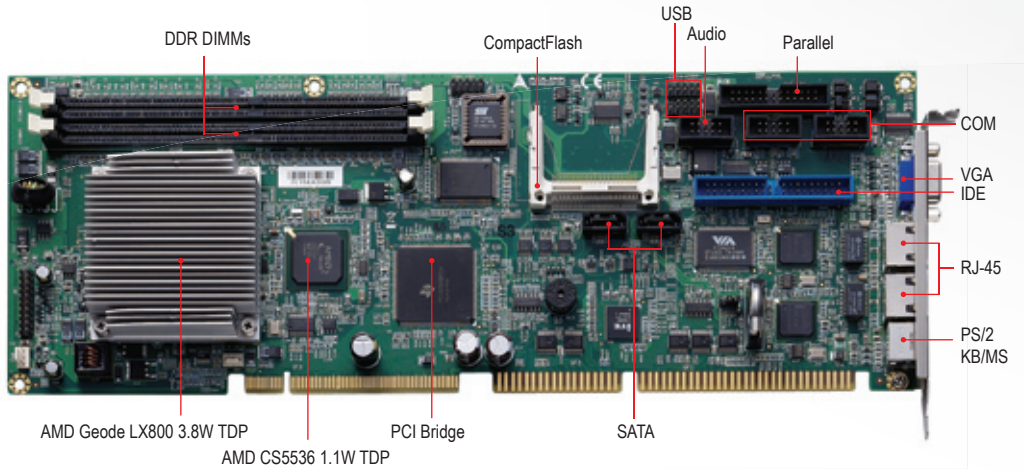
NuPRO-720

PICMG® 1.0 Full-Size AMD Geode™ LX 800 SBC with DDR DIMM, VGA, & CF



Features

- PICMG® 1.0 Full-Size SBC, AMD Geode™ LX 800 processor
- Integrated VGA functionality
- Onboard CompactFlash® socket
- ISA bus with high driving capability
- Fanless capable

Specifications

Processor System

CPU	AMD Geode LX 800, 500MHz, 128 KB L2 Cache
Chipset	AMD Geode CS5536
Memory	Two 184-pin DIMM sockets
	Supports DDR-400 SDRAM, up to 2 GB
BIOS	Phoenix-Award BIOS with 2 Mb Flash ROM
Watchdog Timer	1-255 second or 1-255 minute programmable and can generate system reset.
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltage
Operating Systems	Windows® XP, Fedora™ Core 6

I/O Interfaces

IDE (PATA)	Single-channel UltraATA 100 for CF
	Single-channel UltraATA 133 for IDE
CompactFlash	1x CompactFlash® type II socket
Serial ATA	2x Serial ATA ports with 150 MB/s data transfer
USB	4x USB 2.0 ports via onboard pin header
KB/MS	1x PS/2 keyboard/mouse
Parallel Port	1x LPT
Serial Port	1x RS-232, 1x RS-232/422/485

Audio

Audio Codec	Realtek ALC203 support by DB-AC97S
Interface	Supports two channel audio with line-in, line-out and mic-in

Display

Graphics	Integrated in AMD Geode™ LX 800, supporting up to 1600 x 1200 x 32 bpp at 60 Hz
VRAM	Shared system memory up to 16 MB
CRT	External D-sub 15 connector

Ethernet

Controller	Two Intel 82551ER 10/100 Mbps controllers
Interface	Two RJ-45 Ethernet ports
Wake On LAN	Yes

Mechanical and Environmental

Form Factor	Full-Size PICMG® 1.0 SBC
Dimensions	338 mm x 122 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-720	PICMG® 1.0 Full-Size AMD Geode™ LX 800 SBC with DDR DIMM, VGA, CF, Heatsink for CPU

Optional Accessories

Model Number	Description/Configuration
DB-AC97S	AC'97 audio kit with mic-in, line-in and line-out ports

Packing List

NuPRO-720 (with heatsink)	1x COM+Parallel port cables with bracket
1x Y-cable for PS/2 keyboard/mouse	2x SATA data cable
1x UltraATA 100 IDE cable	1x dual-plug SATA power cable
1x USB 2.0 cable bracket	Driver CD
1x COM port cable with bracket	User's manual

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