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TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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so your equipment works exactly as you specify.

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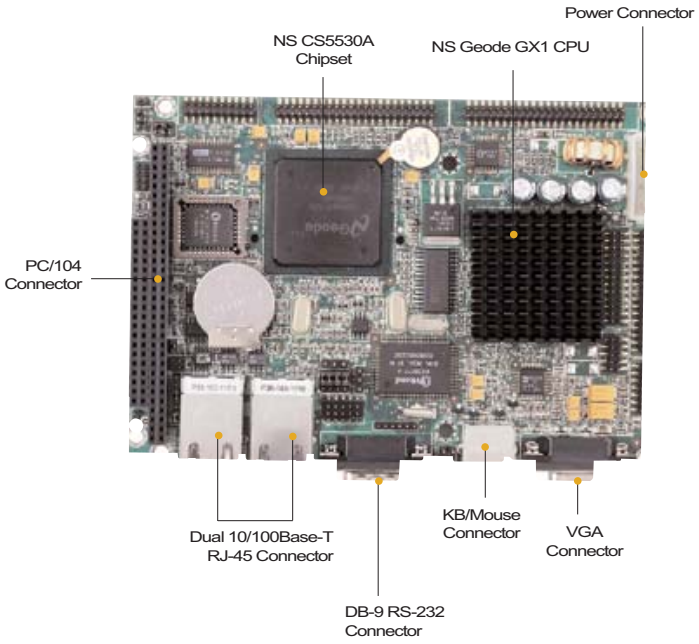
Expert team | Trust guarantee | 100% satisfaction

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NS Geode GX1-300

LCD LVDS TV-out Ethernet Audio



Features

- 3.5" FDD SubCompact Form Factor
- Onboard NS Geode GX1-300 Low-power BGA CPU
- Supports CRT and 18-bit TFT Panels
- LVDS interface (GENE-4312S/T Only)
- TV-out interface (GENE-4312T Only)
- Dual 10/100Base-T Fast Ethernet
- Integrated AC-97 2.0 Sound Blaster compatible Audio
- Supports Type II CompactFlash Memory
- 2 COMs / 1 Parallel / 2 USBs / 1 IrDA
- 5V only operation

Windows CE WindowsCE.net *

Specifications

System

CPU	Onboard NS Geode GX1 300MHz processor
System Memory	SDRAM SODIMM X 1, Max. 256MB
Chipset	NS CS5530A
I/O Chipset	Winbond W83977. Fully 16-bit I/O decoded
BIOS	Award 256KB FLASH BIOS
Ethernet	RTL 8139C, 10/100Base-T RJ-45 connector x 2
SSD	Type II CompactFlash socket
Watchdog timer	Can generate a system reset, IRQ
Expansion Interface	PC/104 connector x 1
Battery	Lithium battery
DMA	7 DMA channels (8237 equivalent)
Interrupt	15 interrupt levels (8259 equivalent)
H/W status monitoring	Winbond W83781D H/W status monitoring IC supports power supply voltages, fan speed, and temperatures monitoring
Power supply voltage	+5V (4.75V to 5.25V), AT.
Size/ Weight	5.75" (L)× 4" (W) (146 mm × 101.6 mm), 0.88lb. (0.4Kg)
Operating temperature	32˚F to 140˚F (0˚C to 60˚C)

I/O

MIO	IDE (UDMA33) x 1, FDD x 1, KB+Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel ×1
IrDA	One IrDA Tx/Rx header
Audio	NS CS5530A, AC97 2.0 compliant
USB	One 5x2 pin header supports 2 USB 1.1 ports

Display

Chip	NS CS5530A
Memory Size	Shared memory up to 4MB
Resolution	Up to 1024 x 768@ 16bpp colors for CRT
LCD Interface	Up to 18-bit TFT LCD panels.
TV-out	Chrontel 7003 (GENE-4312T only)
LVDS Interface	18-bit LVDS LCD panel (GENE-4312S/T only)

Packing List

IDE cable	1701440500
FDD cable	1701340600
COM port cable kit (1 parallel, 1 serial)	1701010302
Audio cable	1700140510
TV-OUT & S-Terminal cable(GENE-4312T only)	1700080180
KB/Mouse cable	1700060192
USB Cable	1709100201
Jumper Cap	9657666600
LVDS cable(GENE-4312S/T only)	1701200201
Quick Installation Guide	
Utility CD	

* GENE-4312 offers embedded Linux solution that was developed by an AAEON business parter, Redsonic. Please visit : www.redsonic.com for detailed information.

All specifications are subject to change without notification.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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