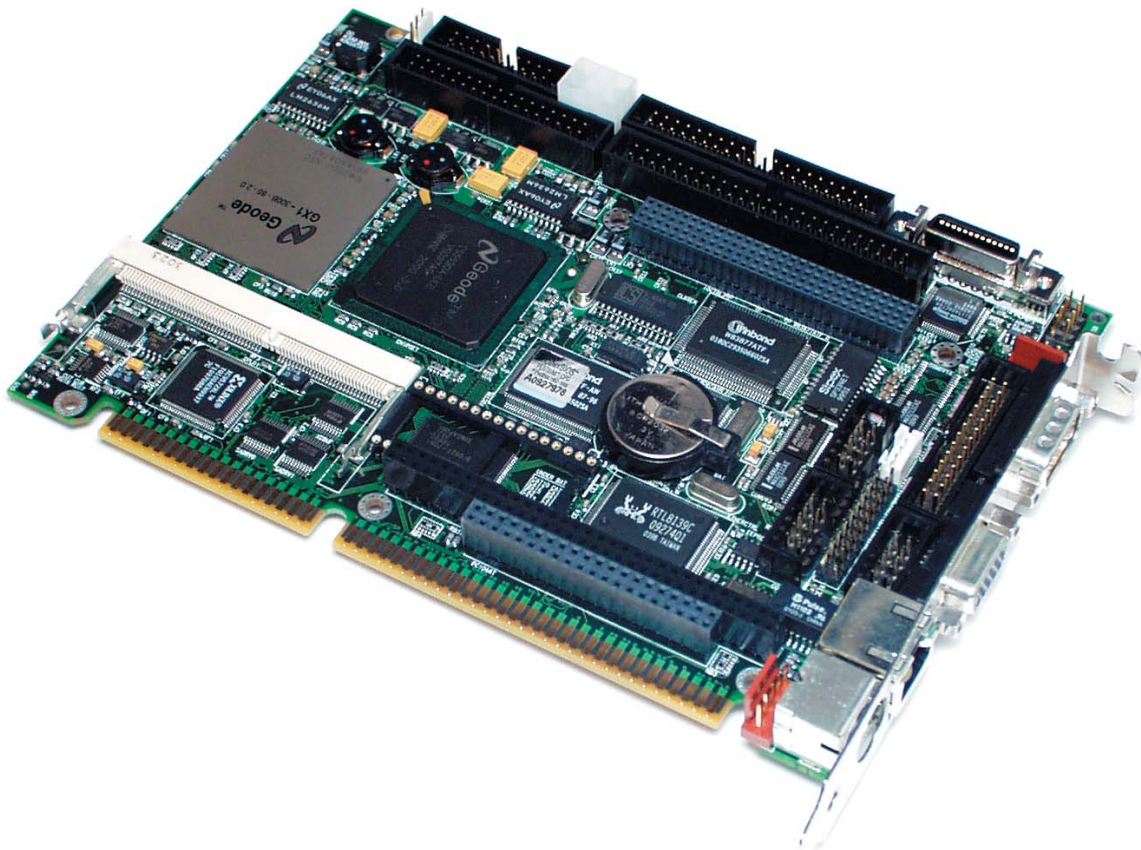


GX1LCD/S

300MHz Low Power Consumption,
Passive Cooling and 4x COM



- ▶ Geode GX1 Processor with 300 MHz
- ▶ Flat Panel Display Support
- ▶ 10/100Base-T Fast Ethernet
- ▶ CompactFlash Socket Type I + II
- ▶ PC/104 and PC/104+
- ▶ 4x COM Ports
- ▶ MPEG1 assisted decoding
- ▶ Sound Blaster 16 Compatible

Technical Data

➤ Processor:	Geode™ GX1 Processor with 300 MHz (included)
➤ Chipset:	CS5530A
➤ BIOS:	Phoenix™ BIOS with INSIDE Technology Utility Extension and Secure CMOS function
➤ Power Management:	APM 1.2 and ACPI 1.0
➤ Bus:	ISA, PC/104 and PC/104+
➤ SDRAM:	One 144-pin SO-DIMM sockets up to 128MB
➤ Graphics:	Geode™ 5530A with shared video memory up to 4 MB and INSIDE Display Selection Menu.
➤ Resolution:	Up to 1280 x 1024 for CRT and up to 1024 x 768 for TFT
➤ Panellink:	Silicon Image Panellink® with Sil 140. Up to 10 meters (30 feet) distance to LCD (optional)
➤ Displays:	TFT, Plasma, CRT and DSTN*
➤ Display Output:	18 Bit parallel digital 3,3V linear, Panellink®*, LVDS* and CRT
➤ HDD Controller:	Ultra DMA 33 IDE
➤ FDD Controller:	2x 3.5" 1.44 or 2.88 MB
➤ Parallel Port:	Bi-directional Centronics with ECP or EPP mode
➤ Serial Port:	4x RS-232C or 1xRS-485/482 and 3xRS-232C, NS16C550 serial ports with 16 byte FIFO buffer
➤ Ethernet:	10/100Base-T Fast Ethernet, Realtek 8139C
➤ IrDA:	Infrared Communication, 4Mbps
➤ USB:	Universal Serial Bus, 2 channels
➤ Flash Disk:	CompactFlash™ Disk Socket Type I + II and M-Systems DiskOnChip®
➤ Watchdog:	Supervision of supply voltage and SW execution
➤ Monitoring:	Processor temperature and fan supervision
➤ Keyboard/Mouse:	One standard PS/2 mini DIN connector and two pin headers for mouse and keyboard
➤ Sound:	Sound Blaster® 16 compatible
➤ Battery:	On board Lithium with connector for external battery
➤ Power Supply:	+5V only
➤ EMI/ESD:	In accordance with EN550022 and EN55082
➤ Operating Temperature:	0° - 60° C
➤ Dimensions:	Half-Size - 185mm x 122mm (7.3" x 4.8")

* Requires Video Module

➤ Audio & Video Modules for GX1LCD/S

LVDS



LVDS Transmitter
Internal: LVDSTX-2-I (720914),
LVDSTX-2A-I (720916)
External: LVDSTX-2-X (720915)

Panellink



Panellink Transmitter
Internal: PLTX-I (720909)
External: PLTX-X (720907)
with DVI Connector (720906)

DSTN



DSTN Module
3.3V (720917),
5.0V (720918)

Sound



Line-In, Line-Out and Speaker
Sound Blaster Pro Compatible
Microphone

To use the different Extension Modules the Graphic SO-DIMM connector has to be mounted on the backside of the GX1LCD/S boards (available on 710221)

Ordering Information	Part.-No.	Description
GX1LCD/S PLUS-S	710221	no Panellink®
GX1LCD/S PLUS	710220	No Graphic SO-DIMM connector, no Panellink®
GX1LCD/S STANDARD	710210	Same as 710220 but only 200MHz Geode™ GX1 processor, no RS485/422 - only 2x RS232C, no Graphic SO-DIMM, no Panellink®, no PC/104+ (PCI), no Audio and monitoring function

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