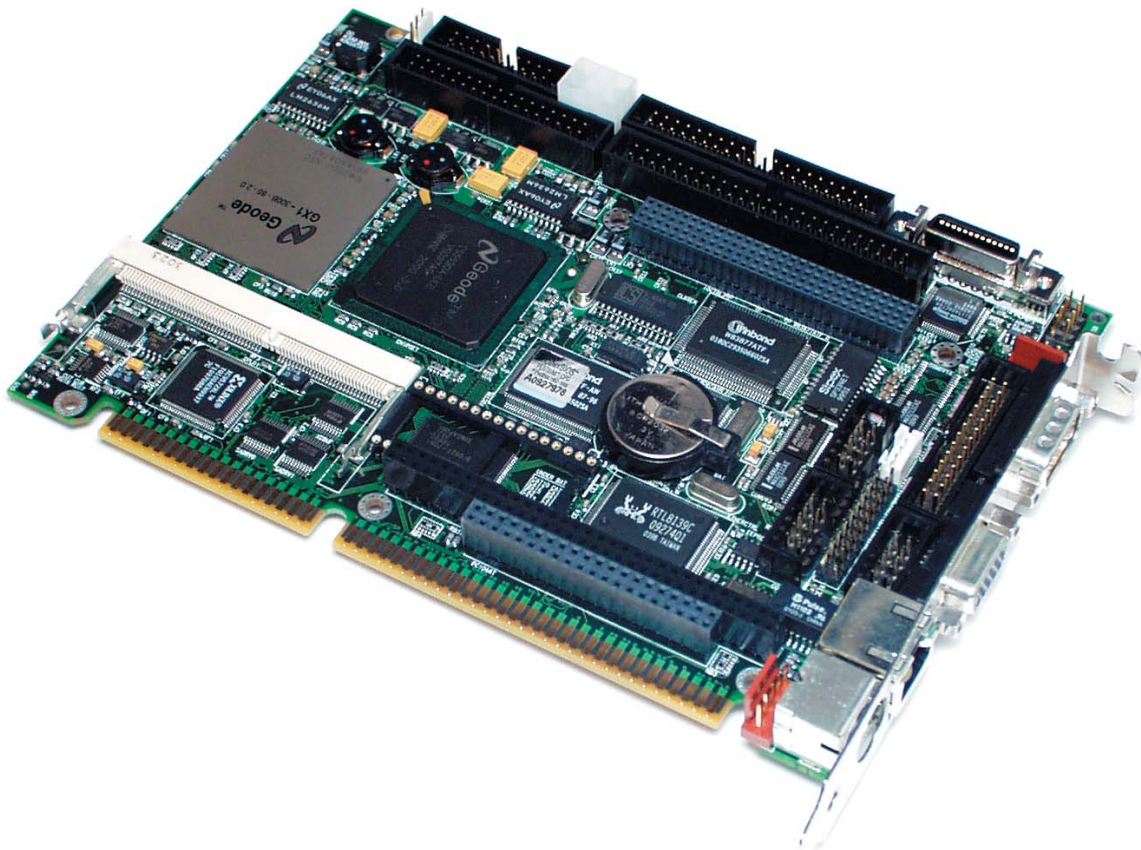


# GX1LCD/S

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

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