Industrial Board

EX9527

Key Specification/Special Features:

CPU+Chipset: NS Geode GXLV/GX1 & CX5530A chipset w/ on-chip 6x86-166/233/300/333 MMX CPU, GXLV support low-power type (1.5W~5.4W), GX1 support very low-power type (0.8W~3W)

Cache Memory: 16KB L1 cache memory

I/O Chipset: NS PC97317 + SMC 669

BIOS: Award BIOS, 128KB (Flash) EPROM

DRAM: 1 x 144-pin SO-DIMM socket

LCD/CRT: On-chip shared-memory 64-bit LCD/CRT, support CRT and 18-bit TFT LCD flat panel up to 1280x1024x8 BPP and 1024x768x16 BPP, support MPEG1 and MPEG2 assist, 44-pin LCD connector

DSTN signal: Support optional DSTN board

Flash Disk SSD: Socket for 8~288MB DiskOnChip

Audio: Optional AC 97 audio soldered on board

Touch Panel interface: Optional

CompactFlash II socket: Optional CF-2 socket

Bus type: PC/104 Connector and ISA bus

IrDA and USB x 2

Speaker: Buzzer on Board

CMOS Backup: Backup by Li battery

PS/2 Keyboard/Mouse: 5-pin header/ mini-DIN

IDE Interface x 2: Support up to 4 x IDE devices,

FDD: Two 3 1/2" or 5 1/4" FDD, Drives A, B swappable

Parallel Port: One bi-directional SPP/EPP/ECP

Serial Port x 4: 16-byte FIFO 16C550 serial port jumper selectable RS-232 x 3 +RS-232/422/485 x 1(Serial Port support +5V & +12V voltage)

Watchdog Timer: Programmable 0 ~ 1024 sec.

Miscellaneous Connectors/Jumpers: Reset, HDD LED, +/-5V & +12V 4-pin power connector, 3-pin ATX control, 2-pin single +5V power connector

Power Requirement: +/-5V, 12V power by using 4-pin power connector; or, single +5V by using 2-pin power connector; also support ATX control pin

Dimension: 185mm x 122mm

Operating Temperature: 0 ~ 60℃. 0 ~ 85° CPU just need metal cooler (don't need fan)