

### EX9523

#### 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

**BIOS:** Award BIOS, 128KB (Flash) EPROM

**DRAM:** 1 x 168-pin SO-DIMM socket support 8MB ~ 128MB SDRAM

**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 daughter board

**100/10M Ethernet:** Realtek 8139 100/10M Ethernet

**Flash Disk SSD:** 32-pin socket for DiskOnChip SSD 8MB ~ 288MB

**Audio signal:** Support AC97 audio daughter board

**Touch Panel interface:** Optional

**CompactFlash II socket:** Optional CF-2 socket for IDE Flash Disk or IBM MicroDrive 340MB/1GB HDD

**Bus type:** PC/104 Connector & PISA (PCI+ISA) bus

**IrDA and USB x 2**

**Speaker:** Buzzer on Board

**CMOS Backup:** Backup by Li battery

**PS/2 Keyboard:** 5-pin header and 6-pin mini-DIN

**PS/2 Mouse:** 5-pin header and 6-pin 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 parallel port configured as LPT1,2,3

**Serial Port x 2:** 16-byte FIFO 16C550 serial port jumper selectable RS-232 x 1 +RS-232/422/485 x 1 (Serial Port support +5V & +12V voltage)

**Watchdog Timer:** Programmable 0 ~ 1024 sec.

**Miscellaneous Connectors/Jumpers:** Reset, HDD LED, single +5V or +5V/+12V by FDD type 4-pin power connector, 3-pin ATX control pin

**Power Requirement:** +5V, +12V power by using 4-pin power connector; or, single +5V by using same 4-pin power connector; also support ATX control pin for connect to ATX power connector on backplane

**Dimension:** 185mm x 122mm

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

