

# POS-562/ S

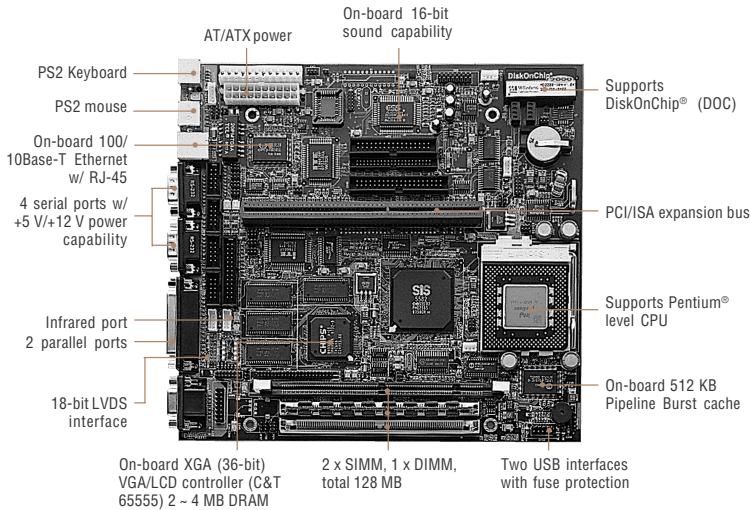
## Pentium® MMX™ Processor based SBC for Multimedia Applications

Audio

CRT/LCD

Ethernet

LVDS



LVDS, Multimedia applications

### Features:

- Supports Audio function (POS-562 only)
- Supports both CRT & LCD
- On-board 100/10Mbps Ethernet
- Supports low voltage differential signal LVDS (POS-562 only)
- Supports one DiskOnChip®

FCC CE

### System

<b>CPU</b>	Intel® Pentium® MMX™ /AMD K6; NS 6X86MX, MII up to 300 MHz
<b>System Memory</b>	2 X 72-pin SIMM sockets (up to 64 MB ), 1 X 168-pin DIMM socket (up to 128 MB)They can not be used simultaneously.
<b>2nd Cache Memory</b>	On-board 512 KB pipeline burst
<b>Chipset</b>	SiS 5582
<b>BIOS</b>	Award PnP BIOS (Flash 256 KB type)
<b>SSD</b>	1 X 32-pin socket supports one DiskOnChip® 2000
<b>Watchdog Timer</b>	0 ~ 62 sec, system reset or IRQ11
<b>Expansion Interface</b>	EISA bus connector provides PCI/ISA
<b>Power Consumption</b>	Typical 5 V @ 3.8 A (with Pentium® MMX- 233 + 64 MB RAM) Max. 5 V @ 7 A
<b>Size/Weight</b>	220 mm x 235 mm (8.7" x 9.3"), 0.5 Kg (1.1 lb)
<b>Operation Humidity</b>	0% ~ 90% Relative Humidity, non-condensing

### I/O

<b>MIO</b>	2 x EIDE, 2 x FDD, 1 x K/B, 1 x mouse, 1 x RS-232/422/485, 3 x RS-232, 2 x LPT
<b>IrDA</b>	115 Kbps, IrDA 1.0 compliant
<b>Ethernet</b>	RTL 8139, on-board 100/10 Mbps with RJ-45
<b>Audio</b>	ESS 1869, full duplex, 3D, Mac-in, line-in CD audio, line-out, speaker-out (POS-562)
<b>USB</b>	2 USB connectors, USB 1.1 compliant

### Display

<b>Chipset</b>	C&T65555
<b>Memory Size</b>	2 MB on board, (optional 4 MB with C&T69030)
<b>Resolution</b>	CRT : 800 x 600 @ 24 bpp LCD : 800 x 600 @ 24 bpp
<b>LCD Interface</b>	36-bit TTL
<b>LVDS</b>	18 low-voltage TTL data channels (POS-562)

### Packing List

• Serial cables	1701100300
• 1 Audio cable (POS-562)	1700160000
• 1 HDD cable	1701400601
• 1 FDD cable	1701340700
• Startup Manual	
• Utility CD	

### Ordering information

#### Standard

• POS-562-00A1	Pentium® processor based control board for multimedia applications
• POS-562S-00A1	Same as POS-562, but without 16-bit sound and LVDS

#### Optional

• POS-808-0000	Book-size for chassis POS
• POS-102-0000	4-slot PCI/ISA riser card
• 1700080170	USB cable for POS-562
• 1759202400	Fan with heatsink for socket 7/370 processor

POS Control Boards and Accessories

4