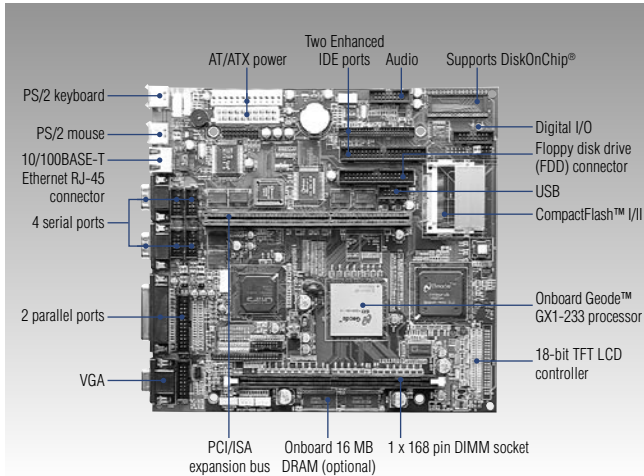


POS-563

AMD Geode™ LPX POS SBC with CPU, Audio, VGA/LCD and Ethernet



System

- **CPU** Embedded fanless low power AMD Geode GX1-233, GX1-300 (optional)
- **System Memory** SDRAM DIMM x 1 up to 128 MB, 16 MB DRAM onboard (POS-563F & POS-563FC only)
- **First level cache** 16 KB, for Data/Instruction
- **Chipset** AMD CS5530A
- **BIOS** Award 2 Mbit Flash BIOS
- **SSD** Supports DiskOnChip® & CompactFlash™ card
- **Watchdog Timer** Selectable 1~62 seconds
- **Expansion Interface** 1 x PCI/ISA Interface
- **Power management** Supports advanced power management

I/O

- **I/O Ports** 2 x Enhanced IDE interfaces/1x Keyboard/1 x Mouse/ 1 x FDD, 2 x parallel ports, supports EPP/ECP parallel mode, 4 x serial ports support power line connection in pin 9 via jumper selection
- **IrDA** 115 kbps SIR port, IrDA 1.0 compliant
- **Digital I/O** 2 TTL digital out, 4 TTL digital in
- **Audio** Supports speaker, Line-in, Line-out, Microphone, CD-in, Speaker-out (POS-563F & AC'97 interface POS-563FC only)
- **USB** 2 USB connectors, USB 1.1 compliant

Ethernet

- **Chipset** Realtek RTL8139C
- **Interface** IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX Fast Ethernet Compatible
Built-in boot ROM in Flash BIOS

Display

- **Chipset** AMD CS5530A C&T 69000
- **Memory Size** 1-4 MB UMA 2 MB
- **Resolution** 1280 x 1024@16 bpp 1024 x 768@16 bpp,
800 x 600@24 bpp

Features

- AMD GX1-233 CPU on board, Fanless
- Supports CompactFlash™, DiskOnChip®
- Supports 10/100BASE-T PCI Ethernet with wake-on-LAN
- Supports AC'97 Audio function
- Supports ATX power connector
- Supports 115kbps SIR
- Supports digital I/O (2 In & 4 Out)
- 16 MB DRAM onboard (POS-563F/FC only)

- **LCD Interface** Up to 18-bit TFT LCD 36-bit TFT LCD

Mechanical and Environmental

- **Size/Weight** 220 mm x 235 mm (8.7" x 9.25"), 0.5 kg (1.1 lbs)
- **Power Consumption** Typical: 5 V @ 2.62 A (w/GX1-233+128 MB RAM)
Max: 5 V @ 4.45 A
- **Temperature** 0 ~ 60° C (32 to 140° F), operating
- **Operation Humidity** 0% ~ 90% relative humidity, non-condensing

Packing List

- 1 POS-563 SBC
- 1 FDD cable (p/n:1701340700)
- 1 HDD cable (p/n:1701400601)
- 1 serial cable (p/n:1701100300)
- Audio cable (POS-563F/FC) (p/n:1700160160)
- Startup manual
- Utility CD

Ordering Information

Standard

- POS-563-00A1 AMD Geode GX1-233 LPX POS SBC w/VGA, LCD, Ethernet & SSD
- POS-563F-00A1 Same as POS-563-00A1, but w/16 MB DRAM, Audio & CFC support
- POS-563FC-00A1 Same as POS-563F-00A1, but w/C&T 69000

Optional

- POS-809A-00A1 Book-sized chassis for POS control boards (180W)
- POS-102-0000 4-slot PCI/ISA riser card
- 1700100170 17.5 cm USB cable (2.54 mm)
- 1700100301 30 cm USB cable (2.54 mm)