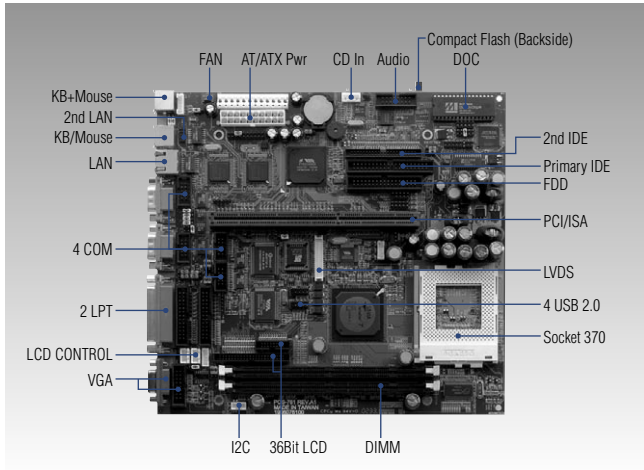


# POS-761

## Socket 370 LPX SBC for POS/Kiosk Applications



### Features

- Supports Socket 370 for Intel® Celeron/Pentium® III (Tualatin) processors
- 4 x AGP VGA/LCD & LCD controller up to 1024 x 768 and support 36-bit XGA TFT LCD Panel
- 4 serial ports, three RS-232 and one RS-232/422/485
- USB interface compliant with USB Rev. 2.0
- Supports Mini PCI Socket for optional modem
- Supports I2C, DIO interface
- Supports system overheat temperature control
- 63-level watchdog timer, jumperless on-line support



### Specifications

#### General

- **CPU** Socket 370 Pentium III/Celeron processor up to 1.26 GHz (Tualatin)
- **2nd Cache Memory** 256 KB/512 KB on Pentium III and Celeron at 256 KB
- **System Chipset** VIA 8606/TwisterT, VT82C686B
- **BIOS** AWARD 256 KB Flash BIOS
- **System Memory** SDRAM DIMM x 2, Max. 1Gb
- **Power Management** APM 1.1
- **SSD** Supports CompactFlash® Card, DiskOnChip®
- **Watch Dog Timer** 1 ~ 62 sec, System reset or IRQ11
- **Expansion Interface** 1 x PCI/ISA slot, 1 x mini PCI Slot (Type I/II)
- **Battery** Lithium 3 V/220 mAh

#### I/O

- **I/O Interface** 2 x EIDE (40-pin Ultra DMA 66 & 100 and 44-pin Ultra DAM 33), 1 x K/B, 1 x mouse, 1 x RS-232/422/485, 3 x RS-232, 1 x LPT
- **USB** 4 x USB 2.0
- **Audio** VIA VT82C686, supports CD-in
- **IrDA** 115.2 kbps, IrDA 1.0 compliant
- **GPIO** 2 TTL digital out, 4 TTL digital in

#### Ethernet

- **Chipset** Realtek RTL8139C, Intel 82551ER and Intel 82551, (Optional: Intel 82540)
- **Speed** 10/100Base-T (Optional: 1000Base-T)
- **Interface** RJ-45
- **Standard** IEEE 802.3, IEEE 802.3u, IEEE 802.3z/ab

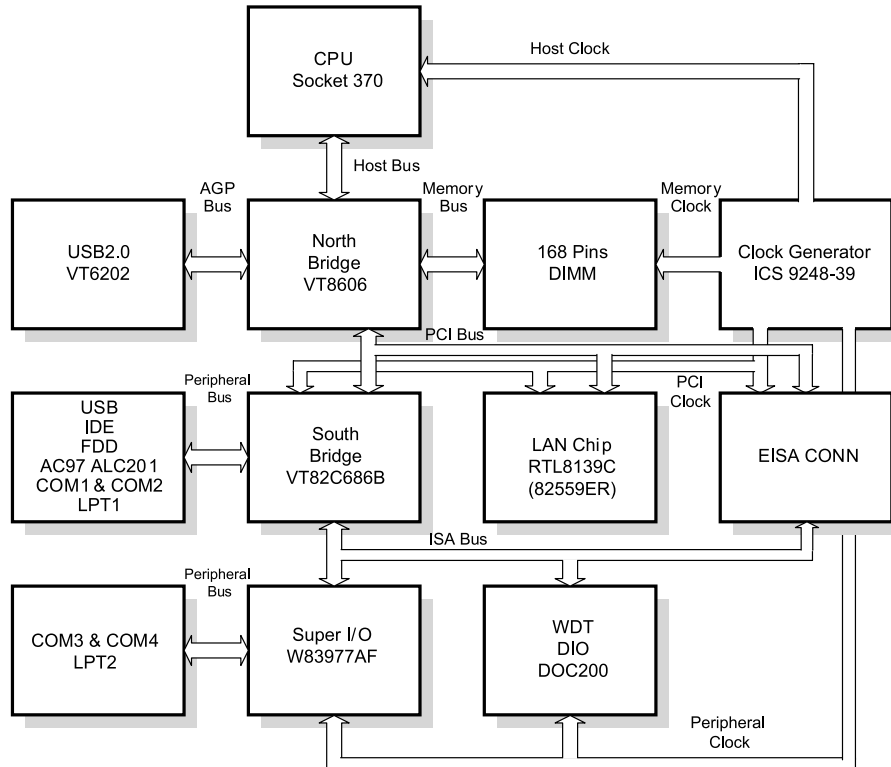
#### Display

- **Chipset** VIA VT8606T
- **Memory Size** Optimized Shared Memory Architecture, Supports 8/16/32 MB frame buffer using system memory
- **Resolution** 1600 x 1200
- **LCD Interface** 36-bit DSTN/TFT

#### Mechanical and Environmental

- **Dimension (L x W)** 220 x 235 mm (8.7" x 9.25")
- **Weight** 0.56 kg (weight of total package)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F), operation
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing
- **Power Supply Voltage** +5 V ± 5%, +12 V ± 5%
- **Power Consumption** +5 V ± 5% @ 26 A, +12 V ± 5% @ 1.4 A

## Board Diagram



## Packing List

- 1 x POS-761 SBC
- 1 x FDD cable (p/n: 1701340700)
- 1 x HDD cable (p/n: 1701400452)
- 2 x serial cables (p/n: 1701100300)
- 1 x Audio cable (POS-761FA) (p/n: 1700160160)
- 1 x Startup manual
- 1 x Utility CD

## Ordering Information

- POS-761F-00A1 Socket 370 POS SBC, w/VGA,LCD,Ethernet and SSD
- POS-761FA-00A1 Same as POS-761F, w/Audio

## Optional Accessories

- POS-809A-00A1 Book-sized chassis for POS control boards (180 W)
- POS-102-0000 4-slot PCI/ISA riser card
- POS-103 3-slot ISA riser card
- 1700100170 17.5 cm USB cable (2.54 mm)
- 1700100301 30 cm USB cable (2.54 mm)
- 1759202400 Fan w/ heatsink for Socket 7/370 processor
- 1759200340 Fan w/ heatsink for 700 MHz Pentium III or above Socket 370 processor