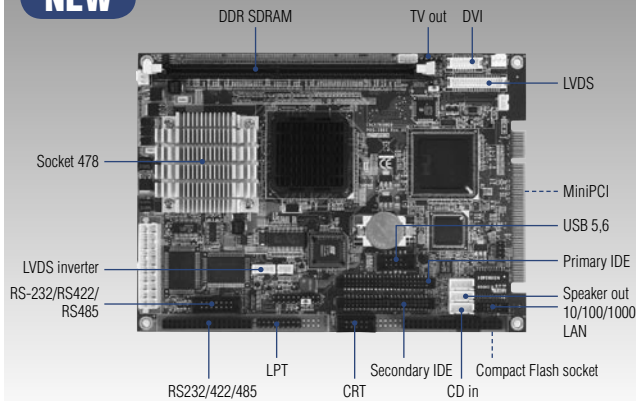


POS-7680

Socket 478 EBX SBC w/ LVDS, TV out, DVI

NEW



Features

- Supports Socket 478 Intel® Pentium® M/Celeron® M processors
- Six USB 2.0 ports
- Dual Display support: CRT + LVDS, CRT + DVI

Specifications

General

- **CPU** Socket 478 Pentium M/Celeron M up to 1.8 GHz
- **2nd Cache Memory** Depends on CPU type form 512 KB to 2 MB
- **System Chipset** Intel 855GME/ICH4 chipsets
- **BIOS** AWARD® 512 KB flash BIOS
- **System Memory** 1 x DDR DIMM, Max. 2 GB
- **Power Management** APM 1.2
- **SSD** Supports CompactFlash® card
- **Watchdog Timer** 225 levels interval, system reset
- **Expansion Interface** 1 x PCI (gold contacts), 1 x miniPCI
- **Battery** Lithium 3 V/220 mAH

I/O

- **I/O Interface** 2 x EIDE (40-pin Ultra DMA 66 & 100 and 44-pin Ultra DMA 33), 1 x K/B, 1 x mouse, 1 x RS-232/422/485, 3 x RS-232, 1 x LPT
- **USB** 6 x USB 2.0
- **Audio** Supports AC'97
- **IrDA** 115.2 kbps, IrDA 1.0 compliant
- **GPIO** 8-bit general purpose input/output

Ethernet

- **Chipset** Intel 82551ER (Optional: Intel 82551QM, Intel 82541PI)
- **Speed** 10/100Base-T (Optional: 1000Base-T)
- **Interface** 1 x RJ-45
- **Standard** IEEE 802.3, IEEE 802.3u, IEEE 802.3z/ab

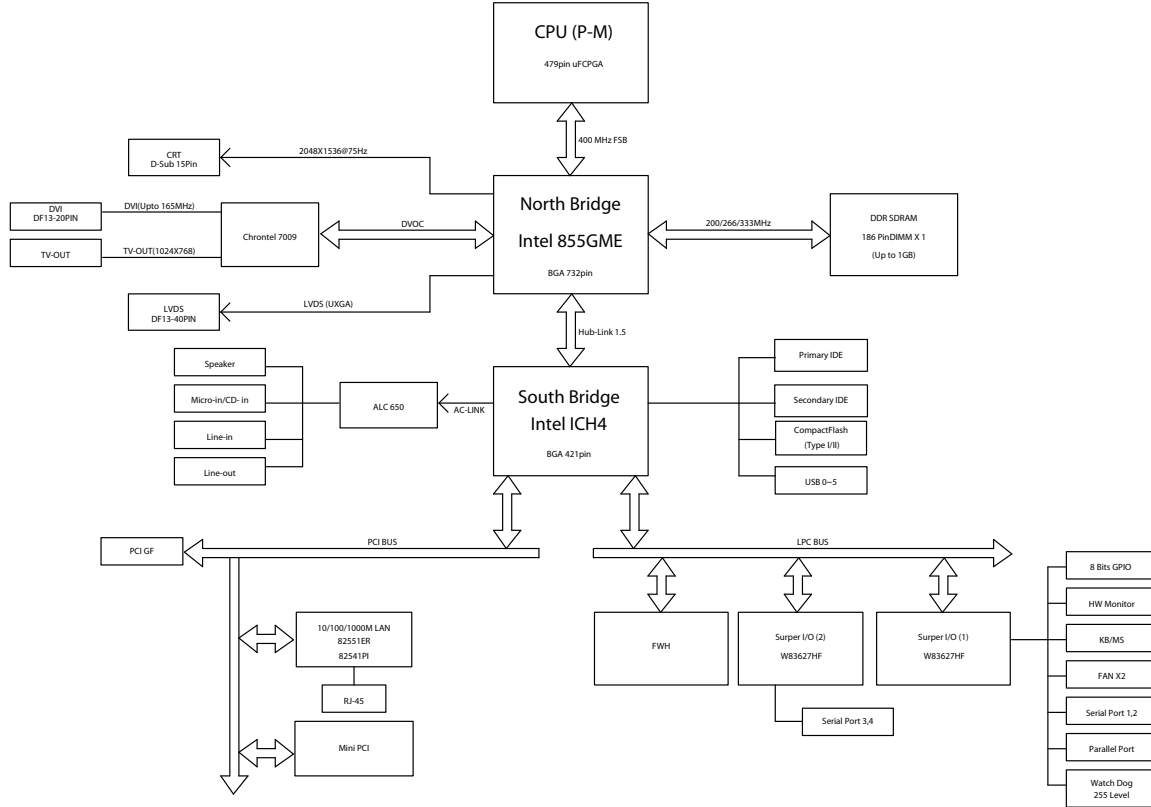
Display

- **Chipset** Intel 855GME
- **Memory Size** Optimized Shared Memory Architecture, supports 8/16/32 MB frame buffer using system memory
- **Dual Independent Display** CRT + LVDS
CRT + DVI

Mechanical and Environmental

- **Dimension (L x W)** 203 x 146mm (8" x 5.75")
- **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 Consumption** Typical:
1.79 A @ 5 V, 0.28 A @ 12 V
Max (HCT):
2.62 A @ 5 V, 0.33 A @ 12 V
(Celeron M 800 MHz, 256 MB DDR 400)

Board Diagram



Packing List

- 1 x POS-7680 SBC
- 1 X Utility CD

Optional Accessories

- FDD cable (p/n:1701340600)
- HDD cable (p/n:1701440500)
- TV out cable (p/n:1703050409)

Ordering Information

Part No.	LVDS	DVI	TV out	10/100	USB 2.0	RS-232	RS-232/422/485	GPIO	LPT	CF	miniPCI
POS-7680F-00A1E	2	Yes	Yes	1	6	3	1	8 bit	Yes	Yes	Yes