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# Modular Panel - IPC with fanless Mini - IPC 19" TFT - PIPC-1900



## Features

- 19" (Rack) - or Panel-Mounting
- Fully Modular Concept :  
Two Units : TFT and Mini-IPC
- 19" TFT
- Steel Metalhousing for optimum thermal and electrical protection
- Fanless Operation with Heatpipe
- Fanless Pentium M, Intel Core Duo or VIA CPU's
- AC97 Audio Codec
- Single or Dual Ethernet
- 6 x USB-Ports / 2 x Com-Ports / LPT
- 1 or 2 PCI Slots
- Watch Dog Timer & Hardware Monitoring (Pentium M)
- Depth only 135 mm
- Hard Disk and CD-ROM protected against shock & vibration through patented shockabsorbers
- Mounting Kits Option
- Touch Screen Option

## Specification

### Low Power fanless Intel Pentium M Processor (Centrino)

- Socket 478 for Intel Pentium M Processor up to 1.8 GHz
- Hyper Threading Technology
- 400 MHz FSB (533 MHz at 1.8 GHz CPU)
- Fanless Operation with Heatpipe
- Intel 855 GM/E Chipset
- Chipset Integrated LVDS/VGA Function
- AC97 Audio Codec
- Gigabit LAN -10/100/1000 Base TX Ethernet
- 6 x USB-Ports/ 2 Com-Ports (RS-232/422)
- 1 or 2 PCI Slots, PC-Card Slot, Compact Flash Socket
- Watch Dog Timer & Hardware Monitoring

### Fanless Intel CoreDuo (& CoreSolo) CPU

- Socket 478 for Intel CoreDuo CPU T2300...T2600
- Mobile Intel® 945GM Chipset
- Supports CRT, LVDS, optional TV out or DVI
- Dual LAN - 10/100 BaseT & PCI Express Gigabit LAN
- SATA x 2, 6 x USB, IDE, RS-232
- One or two PCI-Slots (with Riser Card)  
MiniPCI, PCI-E(1), Mini PCIe

### Low Power Fanless on Board VIA Eden Processor

up to 1GHz

- 2 x RS/232, LPT1, 2 x USB, IDE-, Floppy Controller
- LAN (100 Mbit/s)
- Chipset Integrated LVDS/VGA Function

## 19" - TFT

Resolution XGA 1280 x 1024  
 Brightness 300cd/m2 ,  
 Contrast : 700:1  
 Response Time 8 ms  
 IP-65 (Front)

**Option : resistive Touch**

### Power Supply :

110-240 VAC, or 12/24 VDC for mobile applications

### Environmental

Operating Temperature : 0 .. 60 ° C  
 Storage : -20 .. 80 ° C

Rel. Humidity : 10% .. 90 % (non-condensing)

**Weight** : 9 KG

**Dimensions** : Depending of TFT Size  
Depth = 135 mm

**Approval** : CE