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# PIPC-2100 Modular Full HD 21,5" Panel - IPC with fanless Mini - IPC



## Specification

### Ultra Low Power Fanless Intel Atom Board 1.6 GHz

- Single or Dual GB LAN
- Chipset Integrated VGA Function
- 2 x RS232, LPT ,
- 4 x USB, SATA x 2, IDE- Controller

### 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 2CoreDuo CPU

- Socket 478 for Intel CoreDuo ,Core2Duo CPU
- Mobile Intel® 945GM /Q35 Chipset or Socket P for Penryn CPU (P-8400-P-9600)
- Supports CRT, LVDS, optional TV out or DVI
- Dual LAN or Triple GB LAN
- SATA x 2, 6 x USB, IDE, RS-232
- One or two PCI-Slots (with Riser Card) MiniPCI, PCI-E(1), Mini PCIe

## Features

- Panel-Mounting
- Fully Modular Concept :  
Two Units : TFT and Mini-IPC
- 21,5" Wide Screen TFT
- Full HD-Resolution 1920 x 1080
- Fanless Intel Core2 Duo or Intel Atom or Pentium M CPU's
- Single, Dual or Triple Ethernet
- 6 x USB-Ports / 2 x Com-Ports / LPT
- 1 or 2 PCI Slots
- Watch Dog Timer & Hardware Monitoring
- Hard Disk and CD-ROM protected against shock & vibration through patented shockabsorbers
- Steel Metalhousing for optimum thermal and electrical protection
- Mounting Kits Option

## 21,5" - Wide Screen TFT

Resolution HD 1920 x 1080  
 Brightness 1000cd/m2 ,  
 LED-Backlight Lifetime 70.000 h  
 Contrast : 1000:1  
 Response Time 3/3 ms  
 IP-65 (Front)

**optional :**  
**resistive Touchscreen (PIPC-2100T)**

**Power Supply :**  
 110-240 VAC, or 12/24 VDC

### Environmental

Operating Temperature : 0 ... 50 ° C  
 Storage : -20 ... 80 ° C  
 Rel. Humidity : 10% .. 90 % (non-condensing)

**Weight :** 9 KG

**Dimensions :** Panel Mount Only  
 See Datasheet

**Approval :** CE