

# WLP-7820-17

## 17" Pentium-M/Celeron-M Fanless & Ultra Slim Panel PC



### Features

- 17" True Fanless Panel PC
- True Fanless Thermal Solution
- Socket 479 Pentium-M / Celeron-M Low-power CPU
- The Slimmest Model in Its Kind
- Built in HDD Anti-vibration Module
- IP65/NEMA4 Water/Dust Proof Front Bezel
- LAN / CF (option PCMCIA) / Mini-PCI / Audio / USB2.0



## System

CPU	Socket 479 Intel Pentium-M 1.8GHz or Celeron-M 1.5GHz
Chipset	Intel 855GME + ICH4
BIOS	4Mb AMI Flash BIOS
Cache	Built-in CPU L1 & L2 cache
VGA	855GME integrated Extreme Graphics
Audio	Realtek ALC202 AC97 Audio Codec, optional 2+2 watts power amplifier
LAN	ICH4 + 86562ET PHY 10/100Base-T Ethernet
Memory	DDR 266/333 SODIMM x 1 (without ECC)
I/O	ICH4
IDE	UDMA 100 IDE interface x 2
GPIO	8-bit input, 8-bit output (5V)
WDT	1~255 seconds, software programmable

### Touch Screen

**Controller** Dynapro Analog Resistive type through internal COM port

### Storage

**HDD** 2.5" IDE HDD drive bay x 1 (with anti-vibration mechanism)  
**CF** 1 x bootable Compact Flash slot for CF type I/II storages

### Expansion

**Mini-PCI** 1 x 32-bit Mini-PCI socket  
**\* PCMCIA** Optional PCMCIA Type I/II 32-bit CardBus slot x 1 (use the same place as CF, not simultaneously)

### External I/O

**USB** USB 2.0 x 4  
**COM** DB-9 x 3 (RS-232 x 2, RS-232/422/485 x 1)  
**LAN** RJ-45 x 1 (with indicators)  
**KB/Mouse** PS/2 Keyboard & Mouse x 1  
**\* Audio** Line-in, Line-out, and Mic-in audio jacks  
**\* VGA** (optional DB-15 x 1 for Dual Display (OEM version))  
**GPIO** (optional external GPIO connector (OEM version))

### Mechanical & Environmental

**Power Input** DC12V ~ 28V  
**Operating Temperature** 0~40°C (fanless)  
**Storage Temperature** -20~80 °C  
**Relative Humidity** 10%~90%, non-condensing  
**Dimension** 426.2(L) x 358.6(W) x 73(D) mm (with aluminum front bezel)  
**Weight** 8.1 kg

### Display

**Panel** 17" 24-bit dual-channel LVDS TFT LCD(300nits)  
**Chipset** 855GME  
**Memory** Shared system memory up to 64MB

Size	17"
Model	M170EG01 VD
Resolution (pixel)	SXGA (1280 x 1024)
Aspect Ratio	4 5:
Active Area (mm)	337.9 x 270.3
Pixel Pitch (mm)	0.264
Number of Colors	16.7M
View Angle (H/V)	160 / 160
Brightness (cd/m <sup>2</sup> )	300
Contrast Ratio	800:1
Response Time (ms) (at 25°C)	5 (on/off)
Interface	2ch LVDS
Supply Voltage (V)	5
Backlight	4 CCFL

Characteristics	Resistive
Stylus use possible beyond finger	No Limitation, can use any stylus
Glove use possible	Any type glove
Light transmittance	80±3%
Mohs	3H
Accuracy	98.50%
Response time	20 ms

