

WLP-7820-15

15" Intel C7 Fanless & Ultra Slim Panel PC



Features

- 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 interfaces



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) upto 1GB capacity
I/O	ICH4
IDE	UDMA 100 IDE interface x 2
GPIO	8-bit input, 8-bit output (5V)
WDT	1~255 minutes, software programmable
H/Monitor	CPU and system temperature monitoring
HDD	5-17Hz, 0.1" double amplitude displacement ;
Anti-vibration	17-500Hz, 1.5G acceleration peak to peak

Touch Screen

Controller Dynapro Analog Resistive type through internal COM port

Storage

HDD 2.5" SATA HDD drive bay x 1 ; built in HDD Anti-vibration kit
CF 1 x bootable Compact Flash slot for CF type I/O 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
Dimensions 398(L) x 330(W) x 69.5(D) mm (with aluminum front bezel)
Weight 6 kg

Display

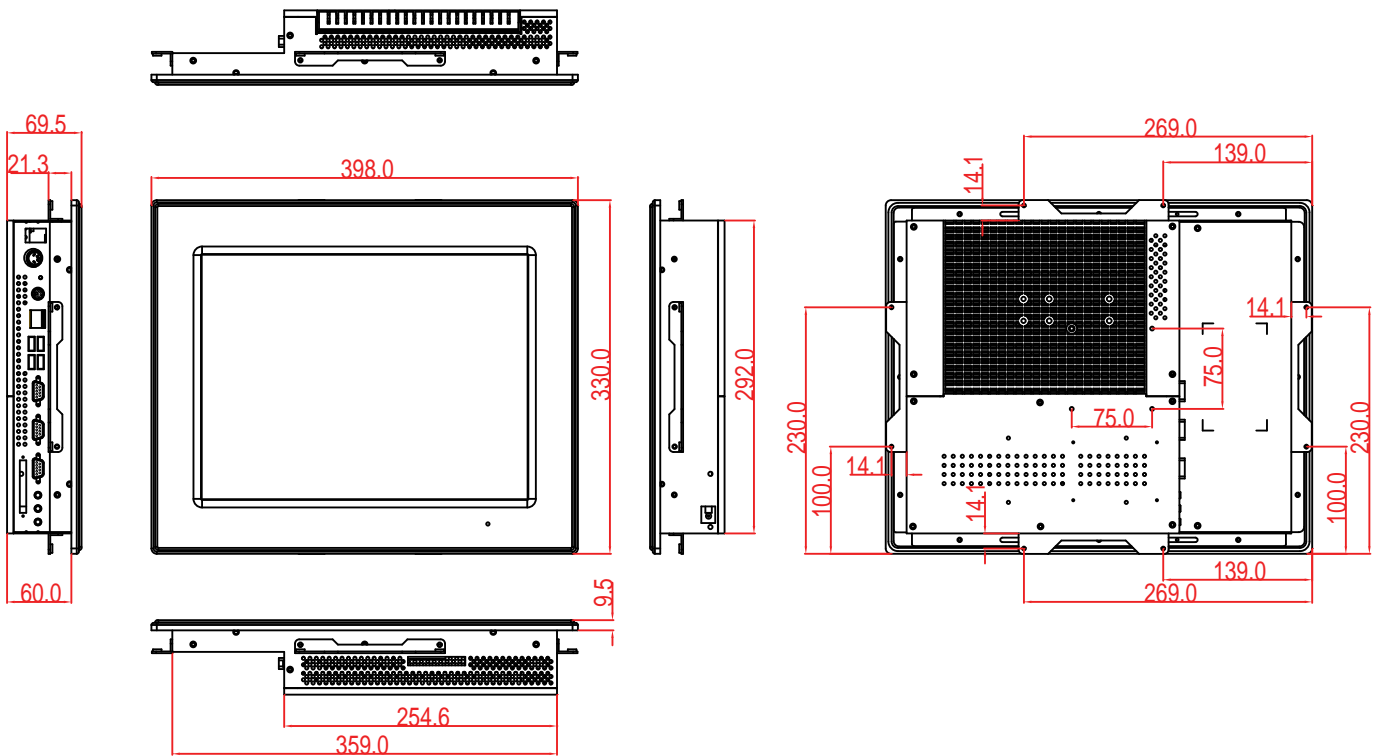
Panel 15" 24-bit dual-channel LVDS TFT LCD (350nits)
Resolution 1024 x 768
Chipset 855GME Built in Extreme Graphics 2
Memory Shared system memory up to 64MB

Model	G150XG01 V1
Resolution (pixel)	XGA (1024 x 768)
Active Area (mm)	304.1 x 228.1
Pixel Pitch (mm)	0.297
Number of Colors	262K
View Angle (H/V)	140 / 120
Brightness (cd/m2)	350
Contrast Ratio	700:1
Response Time (ms) (at 25°C)	8
Interface	1ch LVDS
Supply Voltage (V)	3.3
Backlight	2 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

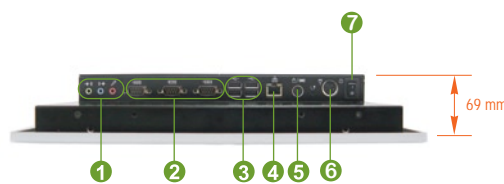
15" Pentium-M Fanless & Ultra Slim Panel PC

Drawing



1. Fanless Panel PC
2. Medical All-in-one Solution
3. Engine Box
4. All-in-one Digital Signage Solution
5. XPe Solution
6. Remote Device Management (WRDM)

Fully-integrated I/O



- 1 Lin-in, Lin-out, Mic-in
- 2 COM port
- 3 USB
- 4 LAN
- 5 PS2 K/B & Mouse
- 6 DC power jack
- 7 Power Switch

Ordering information

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| 1. WLP-7820-15BST-P1.8-512-40-CF | 5. WLP-7820-15BST-C1.5-512-40-CF |
| 2. WLP-7820-15BST-P1.8-512-40-PCMCIA | 6. WLP-7820-15BST-C1.5-512-40-PCMCIA |
| 3. WLP-7820-15BST-P1.8-512-40-PCMCIA W/O BEZEL | 7. WLP-7820-15BST-C1.5-512-40-PCMCIA W/O BEZEL |
| 4. WLP-7820-15BST-P1.8-512-40-PCMCIA W/O TS | 8. WLP-7820-15BST-C1.5-512-40-PCMCIA W/O TS |