

# WLP-7920-15

15" Intel Atom D525 Fanless & Slim Panel PC



## Features

- Low Power and True Fan less Thermal Solution
- IP66/NEMA4X Water/Dust Proof Front Bezel
- Built in HDD Anti-vibration Module
- Giga LAN / CF / Mini-PCI-E / VGA / Audio / USB2.0 / COM interfaces
- RoHS compliance
- Support Windows XP, Windows 7



## Specifications

### System

<b>CPU</b>	Atom D525 1.8G
<b>FSB</b>	800MHz
<b>Chipset</b>	South bridge: Intel® ICH8M
<b>Graphic</b>	Analog CRT up to 2048x1536, support for CRT hot plug **18/24-bit single/dual-channel LVDS by Xilinx XC3S200AN, resolution support up to 800x600, 1024x768, 1280x1024, 1920x1080**
<b>Audio</b>	Realtek ALC268 Audio Codec, 2+2 watts power amplifier
<b>LAN</b>	Marvell 88E8071 Gigabit Ethernet x 1
<b>Memory</b>	Single Channel, two DDR3 SODIMM socket support up to 4GB
<b>I/O</b>	Intel® ICH8M
<b>Serial ATA</b>	SATA II controller (3.0Gb/sec) Port x 2
<b>Serial port</b>	RS232/422/485 x 1, RS232 x 2
<b>USB</b>	<b>External</b> USB 2.0 type A x 3 <b>Internal</b> Mini-PCI-E x 1 (for Wifi) 3.3V socket x 2 (for Blue tooth) 5V Pin Head to expansion x 2
<b>WDT</b>	Generates system reset; 256 segments, 0, 1, 2...255 sec.

### LCD Panel

<b>Size</b>	15"
<b>Resolution (pixel)</b>	1024x768 XGA
<b>Number of Colors</b>	16.7M
<b>View Angle (H/V)</b>	R/L 140(Typ.), U/D 140(Typ)
<b>Brightness (cd/m2)</b>	300nit
<b>Contrast Ratio</b>	800:1
<b>Backlight</b>	CCFL

### Touch Panel

Type	5 wire RES(Standard)	3M CAP(Optional)
Glove	Any type glove	Need special conductive stylus
Stylus	No Limitation, can use any stylus	Only very thin latex glove
Interface	USB	COM Port
Light Transmission	80±3%	91.5%
Resolution	4096x4096	4096x4096
Lifetime	36 million activations	200 million touches

### Storage

<b>HDD</b>	2.5" SATA HDD drive bay x 1
<b>SATA DOM</b>	2nd SATA connector pin7 with VCC_(+5V)

### Expansion slots

<b>Mini-PCIe</b>	52 pin card-edge type x 1 support half/full size (for WLAN module)
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### External I/O

<b>USB</b>	USB 2.0 x 3
<b>COM</b>	DB-9 x 3 (RS232/422/485 x 1, RS232 x 2)
<b>LAN</b>	RJ-45 x 1 (Gigabit Ethernet)
<b>Audio</b>	3.5mm phone jack connector * 2 (Line-out, and Mic-in)
<b>VGA output</b>	DB-15 x 1

### Power

<b>Power Cable</b>	DC-In connector x 1 (Jack with locker)
<b>Switch</b>	Reset key
<b>LED indicator on Aluminum bezel</b>	Green: power On/Off Red: HDD status
<b>Power Input</b>	DC12V~28V
<b>Power Adapter</b>	AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V

### Mechanical & Environmental

<b>Material construction</b>	Front bezel is Aluminum or SECC, others are SECC enclosure
<b>Aluminum bezel Color</b>	Black/Silver
<b>Front Panel Protection</b>	IP66/NEMA4X
<b>ID design</b>	Panel mount Open frame
<b>Operation Temperature</b>	12V DC Input 0~50°C (IEC60068-2-56, air flow cooling)
<b>Storage Temperature</b>	-20~65°C
<b>Operation Relative Humidity</b>	10%~90%, non-condensing
<b>Storage Relative Humidity</b>	10%~90%, non-condensing
<b>Dimensions</b>	Panel mount: 398x330x58 mm
<b>Net Weight</b>	6.6 kg
<b>Mounting</b>	Panel mount/VESA (75x75)

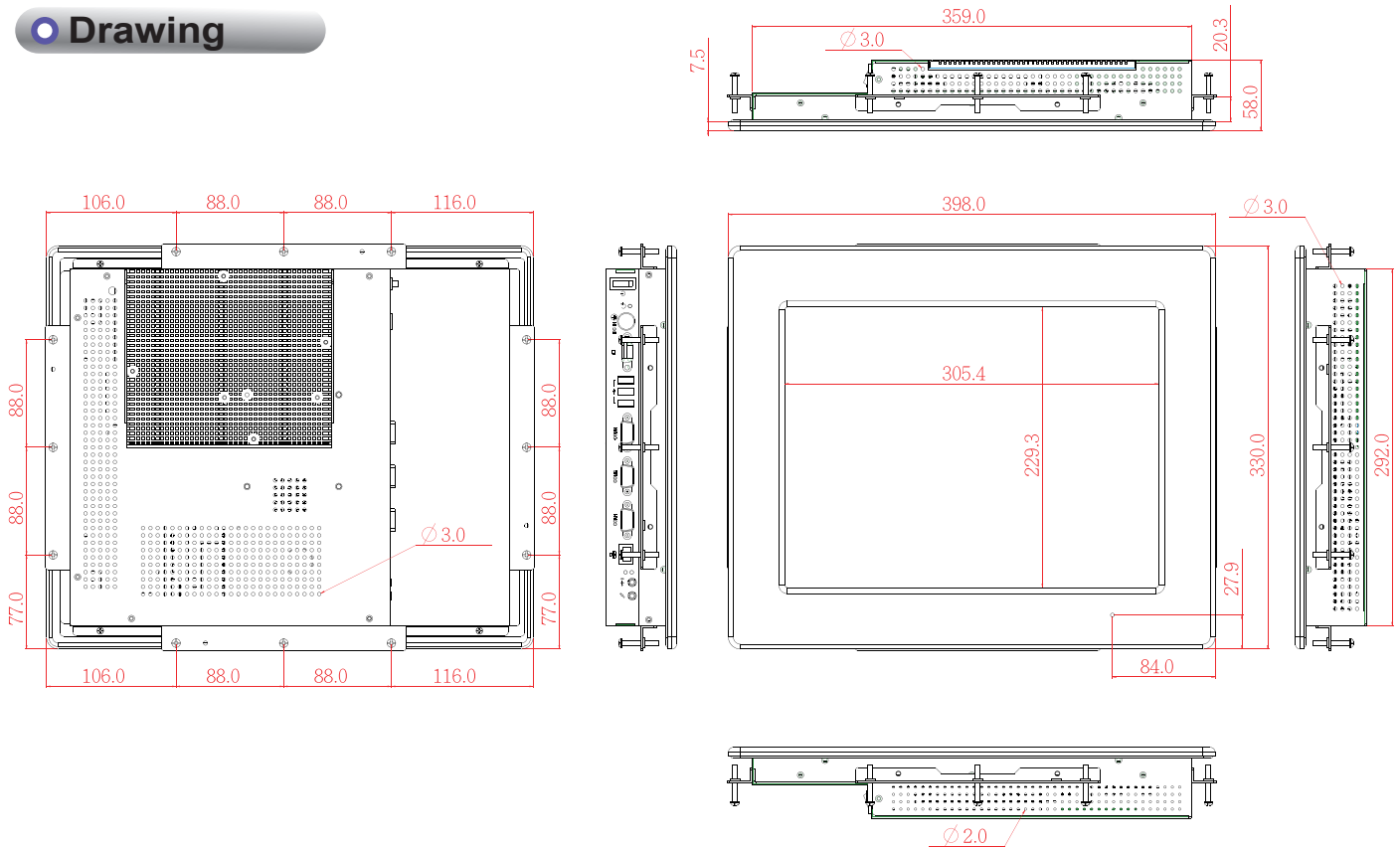
### Regulatory

FCC-A, CE (EMC), VCCI, UL/cUL

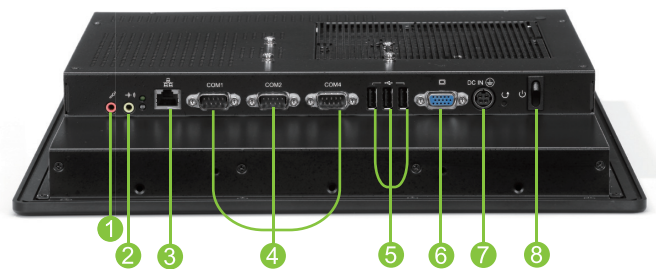
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## Drawing



## Fully-integrated I/O



- |            |                 |
|------------|-----------------|
| 1 Mic in   | 5 USB 2.0       |
| 2 Line out | 6 VGA           |
| 3 LAN      | 7 DC Power Jack |
| 4 COM      | 8 Power Switch  |

## Options

Wireless kit (Mini PCI-e wireless card VIA VNT6656GEV00)

## Ordering information

WLP-7920-15-BKRT-D525 1.8G, 1G RAM, 160G HDD Panel mount,Black,Resistive Touch