

# D150-B

15" Panel PC

Intel Bay Trail J1900



Intel Atom



IP65 (in front)  
dust & water  
resistant



Fanless Design



2 COM port



Resistive touch or  
P-cap Touch  
(Direct bounding w  
ith panel)



Wireless LAN



Aluminum front  
bezel w /  
hairline pattern



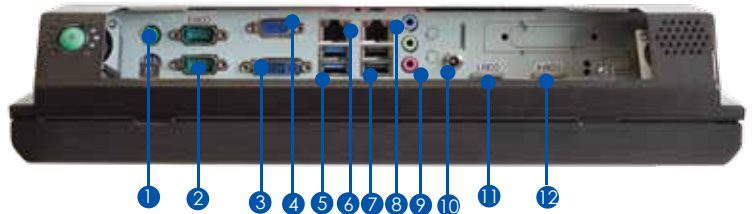
Wide  
temperature



## Feature

- Industrial-grade 15" TFT LCD with 50,000 backlight lifetime
- Reliable 5 wire resistive touch control
- Front panel IP65-rated, fanless design

## I/O Interface



- |          |            |              |
|----------|------------|--------------|
| ① PS / 2 | ⑤ USB 3.0  | ⑨ Audio Jack |
| ② COM    | ⑥ Giga LAN | ⑩ DC Jack    |
| ③ DVI    | ⑦ USB 2.0  | ⑪ COM        |
| ④ VGA    | ⑧ Giga LAN | ⑫ COM        |



### Retail Terminal

- Retail POS Terminal
- Self service Terminal
- Hospitality Terminal



### Display System

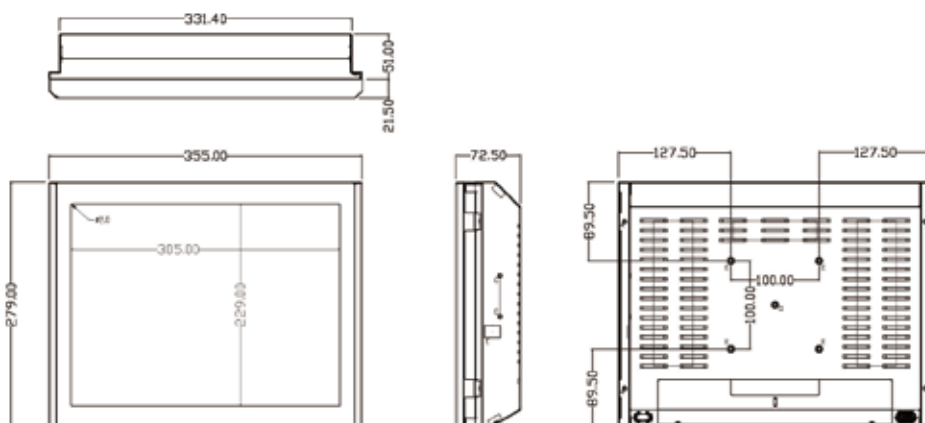
- Digital Signage Terminal
- Clinical Monitor
- Transportation Display



### Industrial Automation

- Automation Controller
- Embedded Device Dashboard
- Production Line Controller

## Dimension (mm)



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## Industrial Panel PC

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### LCD

Display Type	15" TFT-LCD
Max. Resolution	1024 x 768, HD
Max. Colors	16M (8 bit / color)
Luminance	350 cd/m2
Viewing Angle	160°/145°
Led Backlight (Hours)	50000

### TOUCH SCREEN

Type	P-CAP / resistive
Touch Screen	True-flat 10 points / single point

### SYSTEM

PD11BI	Processor	Intel® Bay Trail J1900 Processor (Quad Core, 2M Cache, up to 2.24 GHz)
	Chipset	Integrated
	System Memory	DDR3L 1333 MHz, 2 x 204-pin SO-DIMM, Max. 8GB (Non-ECC)
	Ethernet	2 x Realtek RTL8111G
	I/O Port	1 x DC Jack
		2 x USB 3.0
		2 x USB 2.0
		2 x RJ-45
		1 x VGA
		1 x DVI
		1 x Line-in, 1 x Line-out, 1 x Mic-in
		4 x RS232
	2 x PS/2	
Watchdog Timer	1~255 steps by software program	
Storage	1 x SATA 2.5" HDD / SSD bay	
Expansion Slot	1 x Mini PCIe Full size 1 x Mini PCIe Half size	
Stereo Speaker	2 x 2W	
OS Support	Windows 7 32 / 64bit, Windows 10 64bit, Linux (support by request)	

### POWER REQUIREMENT

Power Input	DC 12V
Power Adapter	AC to DC, DC12V / 7A, 84W adapter

### MECHANICAL

Mounting	VESA 100 / Stand
Dimension	280 x 355 x 55 (mm)
Weight	5kg (11.1 lb)

### ENVIRONMENTAL

Operating Temperature	-20°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Storage Humidity	10% ~ 90% @40°C non-condensing
Vibration Resistance	Operating Random vibration Test 5-500Hz, 0.3 Grms@with HDD
Shock Resistance	Operating 50 G peak (3 ms duration)
EMC	CE, FCC Class A
Front Panel Protection	IP65 Compliant

## Ordering Information

System I/O										
Model Number	Touch	VGA	DVI	USB 3.0 / 2.0	Line-in / Line out / Mic-in	PS/2	RS232	LAN	Wifi / BT	Power
D150-BR	Resistive	1	1	2 / 2	1 / 1 / 1	1	4	2	Optional	DC-in 12V
D150-BP	Pcap	1	1	2 / 2	1 / 1 / 1	1	4	2	Optional	DC-in 12V