NORD TECHNOLOGY

JHCTECH

Nord Technology
Reseller of JHCTECH hardware in Denmark

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WPPC-H1520T(P) | INDUSTRIAL WATERPROOF PANEL PC

WPPC-H1520T(P)

15" XGA LCD Capacitive Touch Stainless Steel Panel PC with Intel® Twin Lake / Tiger lake U Processor
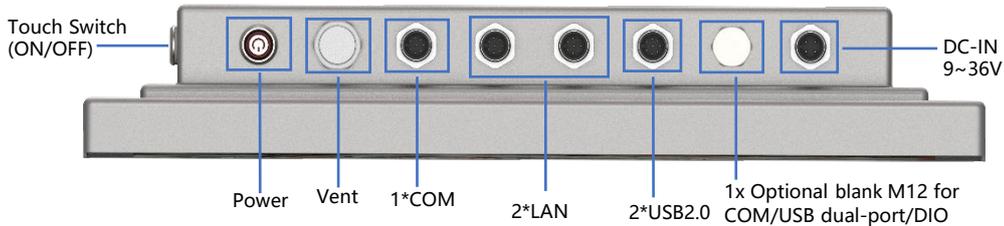
JHCTECH 物联机万物

Features

- 15" TFT XGA LCD with projected capacitive touch
- Intel® Twin Lake /Tiger lake U CPU
- 1*DDR4 3200MHz SODIMM, max up to 32GB
- Stainless Steel SUS304/SUS316(Optional) construction
- Full system IP66/IP69K with M12 Connectors
- 1*MiniPCIe, 1*M.2 B-Key Type 3042/3052
- 1*COM, 2*LAN, 2*USB2.0, 1*8-bit DIO (Optional)
- 1*M.2 2280 M-key, 1*mSATA
- DC 9~36V power supply, fanless cooling design
- VESA Mounting Holes and Panel Mount

RoHS COMPLIANT 2002/95/EC CE FCC

Description

WPPC-H1520T(P) is a stainless steel industrial Panel PC featuring a fanless design, 15" TFT XGA 4:3 LCD with projected capacitive touch. Its full IP66 & IP69K stainless steel SUS 304 enclosure offers complete protection against water, dust, and powder, making it ideal for food processing, chemical industries, light industry, and semi-outdoor environments.
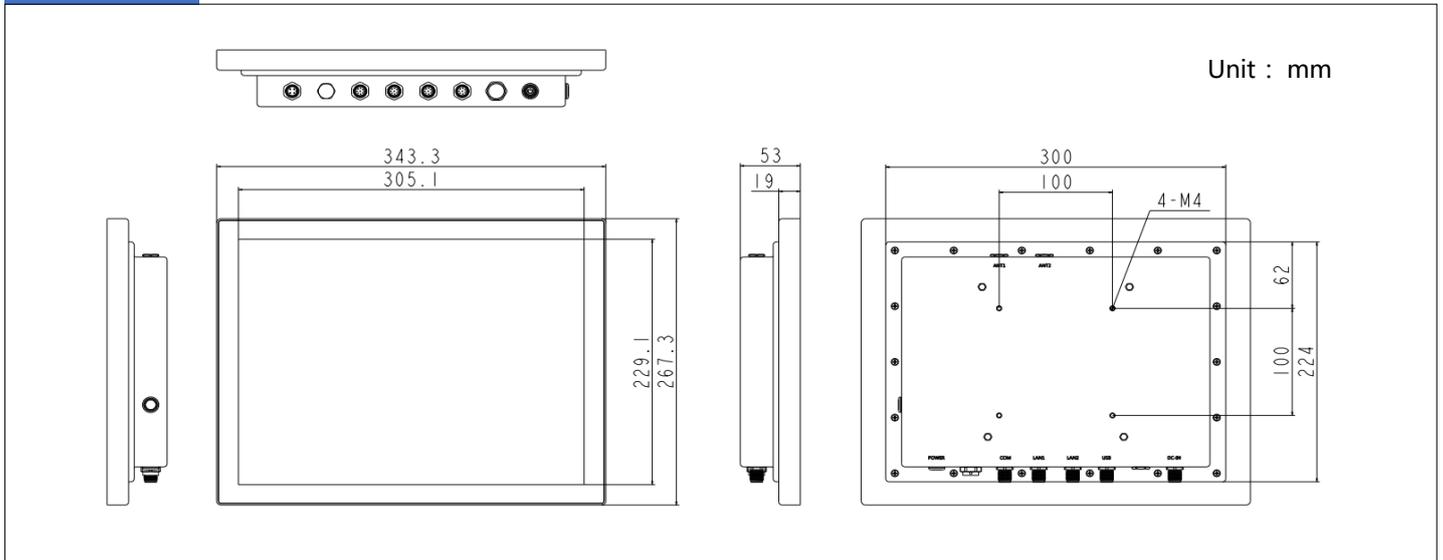
I/O View

Touch Switch (ON/OFF) — Power — Vent — 1*COM — 2*LAN — 2*USB2.0 — 1x Optional blank M12 for COM/USB dual-port/DIO — DC-IN 9~36V

SPEC.

System	CPU	Intel® Processor N150/Core i3-1115G4 /i5-1135G7/i7-1165G7，ULT SoC, TDP 6W/28W
	Chipset	Intel® CPU SoC MCP
	System memory	1 *DDR5 4800 MHz SODIMM, up to 16GB (Intel® Twin Lake) 1 *DDR4 3200 MHz SODIMM, up to 32GB (Intel® Tiger Lake U)
	BIOS	AMI UEFI BIOS
	Storage	1 *M.2 2280 M-Key for SSD，1 *full size mSATA
	Graphics	Intel® Graphics (Intel® Twin Lake) Intel® Iris® Xe Graphics (Intel® Tiger Lake U)
	Expansion	1*Mini PCIe, 1*M.2 B-Key Type 3042/3052, 1*Mini-SIM
	Real I/O	1 *M12 8-pin for 2 x USB 2.0 1 *M12 8-pin for COM, RS-232/422/485, default RS-232 2 *M12 8-pin for 2 x 2.5GbE LAN 1 *M12 4-pin for DC power
	Optional I/O	1 *Optional M12 I/O blank via cable (2 *USB 2.0 ,1 *COM RS-232 or 1*8-bit DIO)
	Others	1 *Pressure Valve SUS304 VENT, 2 *WiFi Antenna (Optional)
	Control SW	1 *Power On/Off, 1 *Touch ON/OFF Switch, 1*CMOS, 1*AT/ATX
	Power Supply	9~36V DC Input
	OS	Windows 11*IoT Enterprise，Windows 10*IoT Enterprise，Linux，Ubuntu
Mechanical & Environmental	Construction	304 Stainless steel chassis(default), 316 Stainless steel chassis(optional)
	IP Level	Full System IP66/IP69K
	Operating Temperature	-20℃ ~ 50℃ (-4°F to +122°F)
	Storage Temperature	−30℃ ~ 70℃ (-22°F to +158°F)

	Relative Humidity	10% to 95% @ 40°C, Non-condensing
Mechanical & Environmental	Shock	Operating 10G peak acceleration (11ms duration)
	Vibration	Operating Random Vibration Test 5 ~ 500Hz, 2Grms @with SSD
	Mounting	VESA Mounting Holes 100 x 100mm
	Dimension	(W*H*D): 343*54*267.6 mm
	Packing Dimensions	(W*H*D): 474*362*215 mm
	Net Weight	4.7KG
	EMC	CE,FCC Class A
LCD	Type	15'' TFT (LED Backlight)
	Resolution	1024*768 @60Hz
	Color	16.2M
	Pixel Pitch(mm)	0.297（H)×0.297（V)
	Brightness(cd/m2)	400
	Viewing Angle	80° (left), 80°(right), 80°(up), 80°(down)
	Operating Temperature	-20~70℃
	Backlight Lifetime	50000 hrs
Touch	Type	Projected capacitive multi-touch
	Light Transmittance	90%
	Interface	USB
	Impact absorption	IK07
	Click Lifetime	3 billion times

Dimension

Unit： mm

Ordering Info

Model NO.	CPU	TOUCH	Description
WPPC-H1520T(P)/N150	Intel® Processor N150	Projected capacitive multi-touch	15'' XGA Stainless Steel Panel PC, 1*COM, 2*LAN, 2*USB2.0, 1*Optional M12 I/O blank (2*USB/1*COM/DIO), 1*Mini PCIe, 1*mSATA, 1 *M.2 2280 M-Key, 1*M.2 B-Key, DC 9~36V
WPPC-H1520T(P)/I3	Intel® Core i3-1115G4		
WPPC-H1520T(P)/I5	Intel® Core i5-1135G7		
WPPC-H1520T(P)/I7	Intel® Core i7-1165G7		
M12-PWR-DC12	AC/DC power adapter, DC12V@5A ,60W 180CM		
M12-USB180A	USB cable M12-8P-F/2*A type 180CM		
M12-LAN180R	LAN cable M12-8P-F/RJ-45 plug CAT6 180CM		
M12-COM180D	RS-232 cable M12-8P-F to DSUB 9M 180CM		