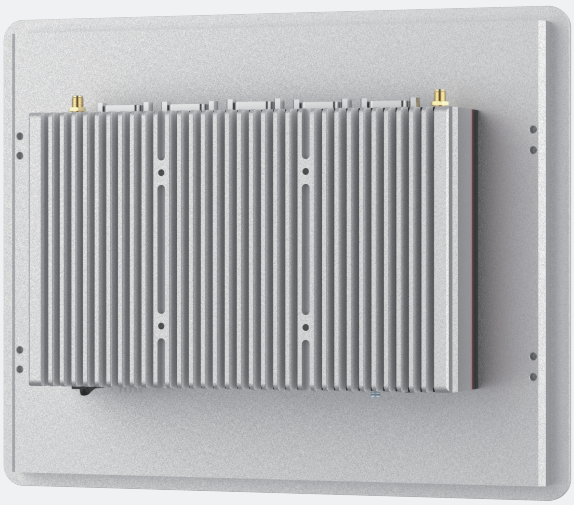
DTP-C121E-1135I3/I5/I7

WIFI、BT、4G、5G | SSD SUPPORTS UP TO 1T | ADAPTIVE GIGABIT NETWORK CHIP





12.1 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel®Core™ i3-1115G4 Dual-core Four-thread, Max Turbo frequency 4.1GHz/ i5-1155G7 Quad-core Eight-thread,Max Turbo frequency 4.2GHz / i5-1135G7 Quad-core Eight-thread,Max Turbo frequency 4.5GHz / i7-1165G7 Quad-core Eight-thread, Max Turbo frequency 4.7GHz/ i7-1195G7 Quad-core Eight-thread, Max Turbo frequency 5.0GHz
- DDR4 high-speed memory,support up to 32GB (i7-1165G7 / i7-1195G7 support up to 64GB)；SSD supports up to 1T
- Dual Intel® 10M/100M/1000M adaptive gigabit network chip; 5 Serial ports，4*USB3.0、1*HDMI、1*DC IN、1*AUDIO
- WiFi、BT、4G、5G and other wireless configurations are optional
- Panel mounting cutout dimensions (recommended) 286*228 (W*H) (1.40/2.00mm lager than the actual cutout dimensions)
- Overall dimensions: 303*242*67 （W*H*D）
- Mounting method: support 75mm*75mm VESA mounting and front-flush mounting

SINSMART

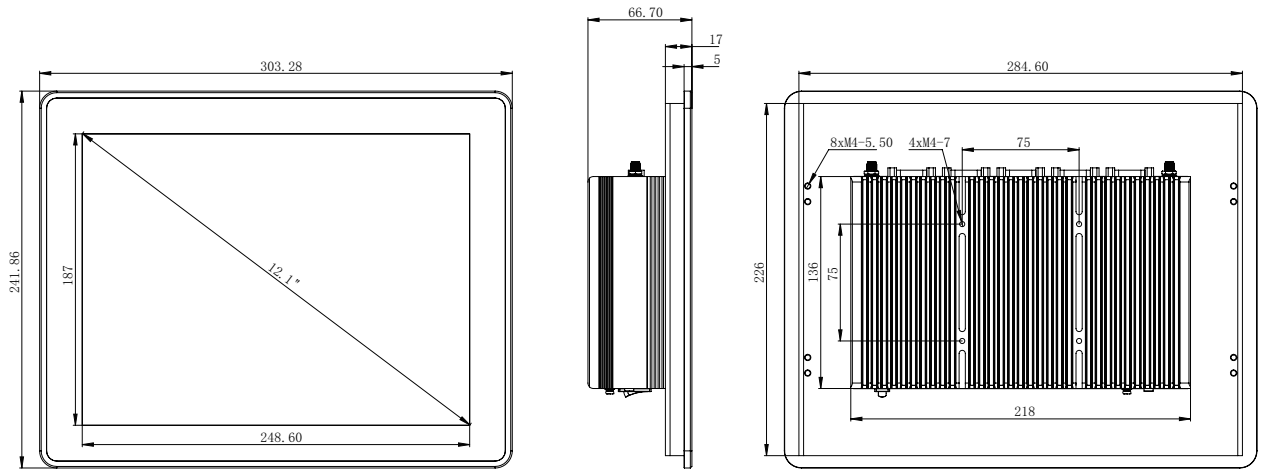
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	Model	DTP-C121E-1135I3	DTP-C121E-1135I5	DTP-C121E-1135I7
	CPU	Intel® Core™ i3-1115G4	Intel® Core™ i5-1135G7/i5-1155G7	Intel® Core™ i7-1165G7/i7-1195G7
	Frequency	Dual-core Four-thread, Max Turbo frequency 4.1GHz	Quad-core Eight-thread, Max Turbo frequency 4.2GHz (1135) Quad-core Eight-thread, Max Turbo frequency 4.5GHz (1155)	Quad-core Eight-thread, Max Turbo frequency 4.7GHz (1165) Quad-core Eight-thread, Max Turbo frequency 5.0GHz (1195)
	RAM	Support DDR4 high-speed memory, up to 32GB		Support DDR4 high-speed memory, up to 64GB
	Storage	1*3.0 SATA 7P Connector+1 * M.2 (SATA/NVMe adaptable/5G)		
I/O Interfaces	Network	2 * Intel® 1Gbps PCIe Ethernet Controller，RJ45 Ethernet port		
	Audio	Realtek® HDA Codec, with MIC/Line-out and Amplifier		
	USB	4*USB3.0		
	Serial Ports	3*RS232，2*RS232/RS485		
	Expansion Slots	1 * Mini-PCIe (WIFI/BT/4G)		
	Other Interfaces	1*HDMI，1*AUDIO，1*DC IN		
Physical Specifications	Dimensions(W*H*D)	303mm*242mm*67mm		
	Cutout Dimenisons(W*H)	286mm*228mm (1.40/2.00mm lager than the actual cutout dimensions)		
	Net Weight	2.80kg		
Operating System	Operating System	Support Windows 10 / 11, Linux		
Power Supply	Input Voltage	9~36VDC (Phoenix terminal)		
	Max Power Consumption	41.8W	56.8W	61.8W
LCD Panel	Screen Type	12.1" Full HD TFT		
	Resolution	1024*768		
	Maximum Colors	16.7MB		
	Backlight	LED		
	Backlight MTBF(hours)	50000hrs		
	Pixel Pitch	0.24*0.24		
	Luminance	500cd/m²		
	Contrast Ratio	700 : 1		
	Viewing Angle	(L) 80 / (R) 80 / (T) 70 / (B) 70		
Touch Screen	Touch Screen Types	10-point capacitive touch screen, High-temperature 5-wire resistive touch screen, Non-touch screen		
	Transmittance	> 85%		
	Controller	USB port		
	Response Time(stylus)	< 5ms		
	Surface Hardness	Mohs hardness 6H		
	Touch Life	250g / 35,000,000 times		
	Stroke Life	250g / 5,000,000 times		
Environmental Parameters	Operation Temperature	0 ~ 50° C (32~122°F) (Using standard temperature grade SSD)		
	Custom Version	-20 ~ 60° C (-4 ~ 140°F) (Using wide-temperature grade SSD)		
	Storage Temperature	-20 ~ 60° C (-4 ~ 140°F)		
	Relative Humidity	10~95% RH@40°C,non-condensing		
	Vibration During Operation	SSD applied: 1.5 Grms, 5 ~ 500 Hz, 1 hr/axis		
	Shock During Operation	SSD applied: 10 G, Half-sine wave		
	EMC	CE/FCC Class B		
	Waterproofing	The front panel meets IP65 protection class		

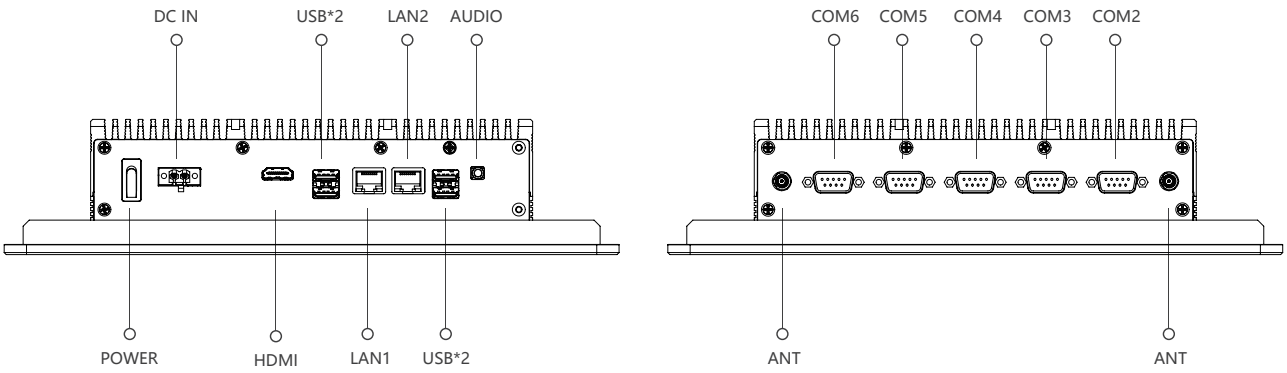
DIMENSION

DIMENSION FIGURE



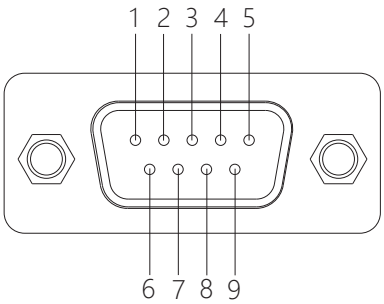
INTERFACE

INTERFACE DRAWING



PIN DEFINITION

PIN DEFINITION



COM Port Pin Definition Description

RS232	
PINOUT	FUNCTION
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

RS485	
PINOUT	FUNCTION
1	485_B
2	485_A
3	NC
4	NC
5	GND
6	NC
7	NC
8	NC
9	NC