DTP-C121E-6/7/8

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





12.1 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel® 6th Core™ i3-6100U Dual-core Four-thread, Base frequency 2.3GHz
- Intel® 7th Core™ i5-7200U Dual-core Four-thread, Base frequency 2.5GHz / i7-7500U Dual-core Four-thread, Base frequency 2.7GHz
- Intel® 8th Core™ i5-8250U Quad-core Eight-thread, Base frequency 1.6GHz
- DDR4 high-speed memory, up to 32GB; SSD supports up to 1T
- Dual Intel® 10M/100M/1000M adaptive gigabit network chip;
  5 Serial ports (support up to 2*RS485) , 2*USB3.0、2*USB2.0、1*HDMI、1*VGA、1*DC IN
- WiFi、BT、4G 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

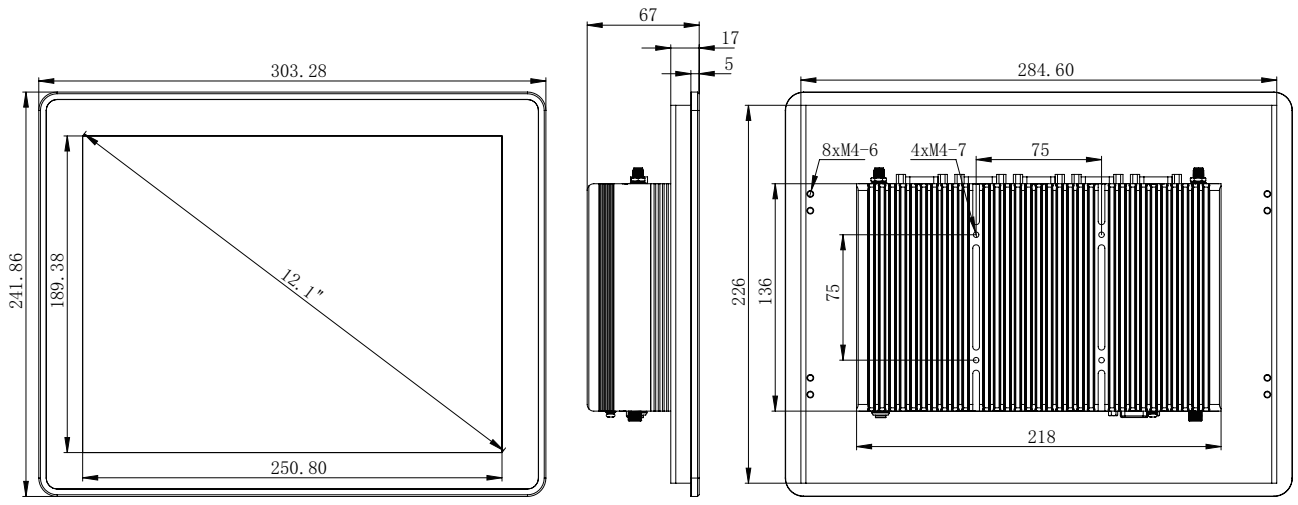
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	Model	**DTP-C121E-6I3**	**DTP-C121E-7I5**
	CPU	Intel® 6th Core™ i3-6100U	Intel® 7th Core™ i5-7200U
	Frequency	Dual-core Four-thread, base frequency 2.3GHz	Dual-core Four-thread, base frequency 2.5GHz
	Model	**DTP-C121E-7I7**	**DTP-C121E-8I5**
	CPU	Intel® 7th Core™ i7-7500U	Intel® 8th Core™ i5-8250U
	Frequency	Dual-core Four-thread, base frequency 2.7GHz	Quad-core Eight-thread, base frequency 1.6GHz
	RAM	1*DDR4 (up to 2133 MT/s) SO-DIMM high-speed memory, up to 32GB	
	Storage	1 * SATA3.0 7P Connector+1 * M.2 (SATA SSD/NVME SSD)	
I/O Interfaces	Network	2*Intel® 1Gbps PCIe Ethernet Controller，RJ-45 Ethernet port	
	Audio	Realtek® HDA Codec, with MIC/Line-out and Amplifier	
	USB	2*USB3.0，2*USB2.0	
	Serial Ports	3*RS232；2*RS232/RS485	
	Expansion Slots	1*Mini-PCIe，support Wifi/4G/BT	
	Other Interfaces	1*HDMI，1*VGA，1*DC IN	
Physical Specifications	Dimensions(W*H*D)	303mm*242mm*67mm	
	Cutout Dimensions(W*H)	286mm*228mm (1.40/2.00mm lager than the actual cutout dimensions)	
	Net Weight	2.80kg	
Operating System	Operating System	Support Windows7/8.1/10, Linux	
Power Supply	Input Voltage	9~36VDC	
	Max Power Consumption	39W (I3-6100U)	44W (I5-7200U)
		47W (I7-7500U)	50W (I5-8250U)
LCD Panel	Screen Type	12.1" Full HD TFT	
	Resolution	1024*768	
	Maximum Colors	16.7MB	
	Backlight	LED	
	Backlight MTBF(hours)	50000hrs	
	Pixel Pitch (H*V)	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 (Serial touch port available on request)	
	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	

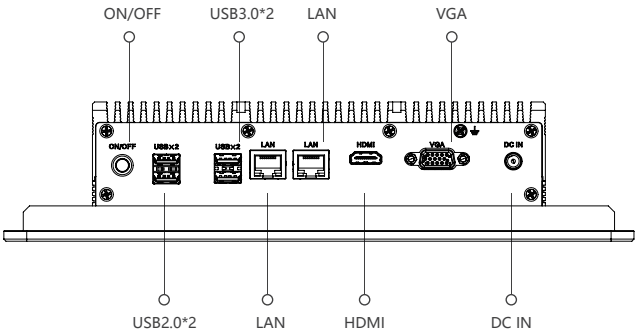
DIMENSION

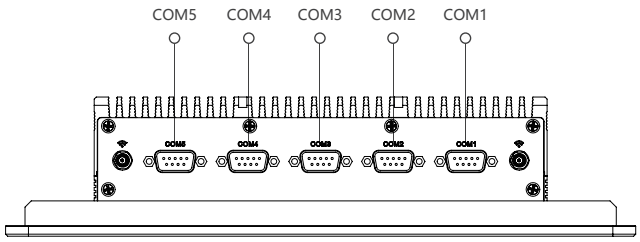
DIMENSION FIGURE



INTERFACE

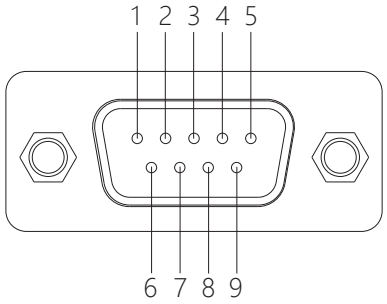
INTERFACE DRAWING





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