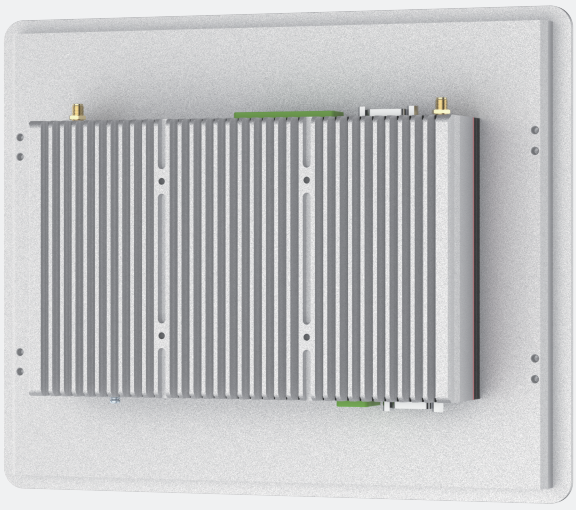
DTP-C121N-N95L4/N97L4/N100L4（4L)

QUAD-CORE FOUR-THREAD | WIFI、BT、4G | SSD SUPPORTS UP TO 1T | ADAPTIVE GIGABIT NETWORK CHIP





12.1 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel® Alder Lake-N Series Processor N95，Max frequency 3.4GHz, Quad-core Four-thread
  N97, Max frequency 3.6GHz, Quad-core Four-thread / N100，Max frequency 3.4GHz, Quad-core Four-thread
- DDR4 (frequency up to 3200MHz) high-speed memory, up to 16GB；SSD supports up to 1T
- 4*Intel® i210 adaptive gigabit network chip; 2 Serial ports,
  2*USB3.0、2*USB2.0、4*GLAN、1*HDMI、1*DC IN、1*Remote SW, 1*GPIO(4*GPI，4*GPO，Non-isolated 5V)
- 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

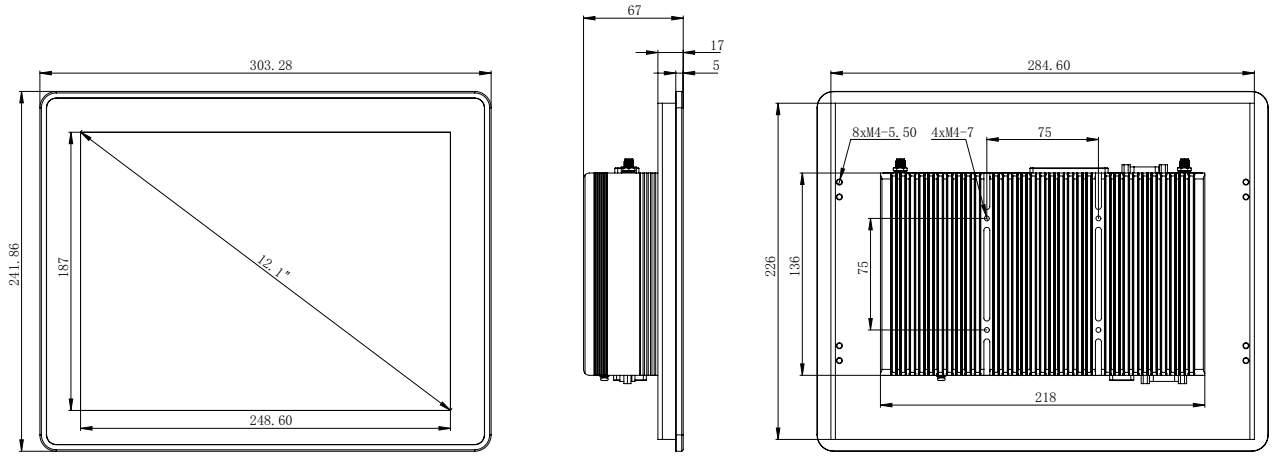
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	Model	DTP-C121N-N95L4 (4L)	DTP-C121N-N97L4 (4L)	DTP-C121N-N100L4 (4L)
	CPU	Intel® Alder Lake-N Series Processor		
		N95	N97	N100
	Frequency	Quad-core Four-thread, Max frequency 3.4GHz	Quad-core Four-thread, Max frequency 3.6GHz	Quad-core Four-thread, Max frequency 3.4GHz
	RAM	Support DDR4 (frequency up to 3200MHz) high-speed memory, up to 16GB		
	Storage	1*SATA Gen3 6Gbps，1*M.2 M-Key Slot		
I/O Interfaces	Network	4 * Intel® i210 GbE Ethernet Controller, RJ-45 Ethernet port		
	Audio	Realtek Audio HDA Codec		
	USB	2*USB3.0，2*USB2.0		
	Serial Ports	2*RS232 / RS485		
	Expansion Slots	1*Mini-PCIe，PCIE+USB2.0，support WIFI+4G Module		
	Other Interfaces	1*HDMI，1*DC IN，1*GPIO(4*GPI，4*GPO，non-isolated 5V)，1*Remote SW		
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 Windows10/11 64bit, Linux		
Power Supply	Input Voltage	24VDC(bom can support 12VDC)		
	Max Power Consumption	34W	34W	35W
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		

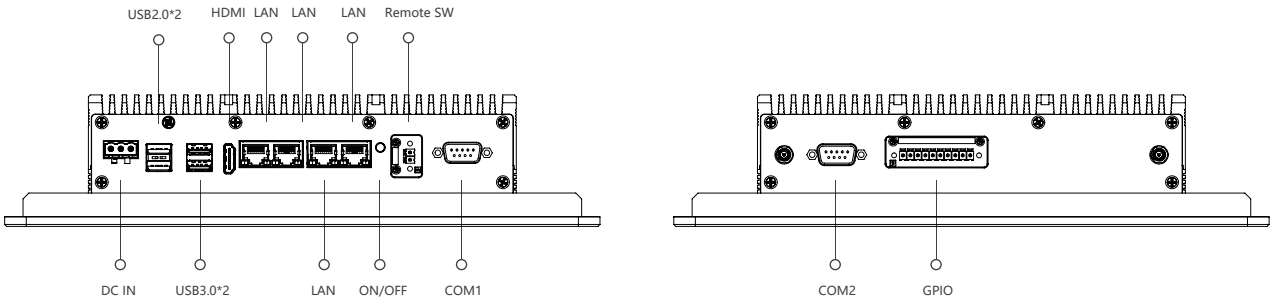
DIMENSION

DIMENSION FIGURE



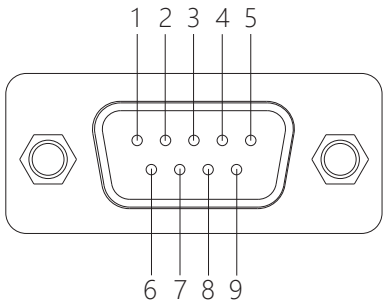
INTERFACE

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