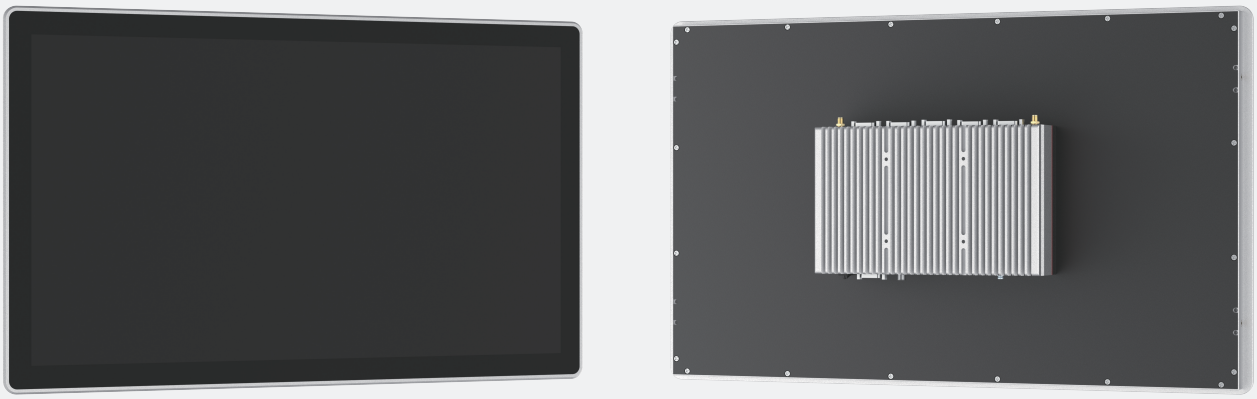
DTP-C238E-1235UI3/I5/I7

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



23.8 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel®Core™ i3-1215U Hexa-core Eight-thread, Max Turbo frequency 4.4GHz / i5-1235U Deca-core Twelve-thread, Max Turbo frequency 4.4GHz / i7-1255U Deca-core Twelve-thread, Max Turbo frequency 4.7GHz
- DDR4 high-speed memory, support up to 32GB；SSD supports up to 1T
- Dual Intel® 10M/100M/1000M adaptive gigabit network chip; 6 Serial ports (support up to 2*RS485), 1*HDMI、1*AUDIO、1*DC IN
- WiFi、BT、4G and other wireless configurations are optional
- Panel mounting cutout dimensions (recommended) 562*340 (W*H) (2.00/1.42mm lager than the actual cutout dimensions)
- Overall dimensions: 579*349*70（W*H*D）
- Mounting method: support 75mm*75mm VESA mounting and front-flush mounting

SINSMART

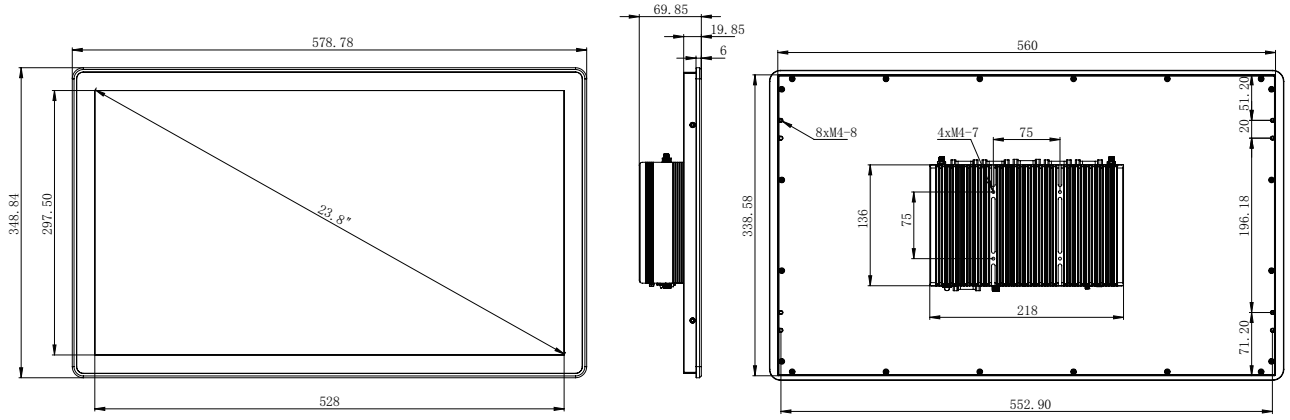
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	Model	DTP-C238E-1235UI3	DTP-C238E-1235UI5	DTP-C238E-1235UI7
	CPU	Intel® Core™ i3-1215U	Intel® Core™ i5-1235U	Intel® Core™ i7-1255U
	Frequency	Hexa-core Eight-thread, Max Turbo frequency 4.4GHz	Deca-core Twelve-thread, Max Turbo frequency 4.4GHz	Deca-core Twelve-thread, Max Turbo frequency 4.7GHz
	RAM	Support DDR4 high-speed memory, up to 32GB		
	Storage	1*SATA3.0 7P Connector+1 * M.2 (SATA/NVMe adaptable)		
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	4*RS232； 2*RS232 / RS485		
	Expansion Slots	1 * M.2 (WIFI/BT)，1 * Mini-PCIe (WIFI/BT/4G)		
	Other Interfaces	1*HDMI，1*AUDIO，1*DC IN		
Physical Specifications	Dimensions(W*H*D)	579mm*349mm*70mm		
	Cutout Dimenisons(W*H)	562mm*340mm (2.00/1.42mm lager than the actual cutout dimensions)		
	Net Weight	8.14kg		
Operating System	Operating System	Support Windows 10 / 11, Linux		
Power Supply	Input Voltage	9~36VDC		
	Max Power Consumption	65W	70W	76W
LCD Panel	Screen Type	23.8" Full HD TFT		
	Resolution	1920*1080		
	Maximum Colors	16.7MB		
	Backlight	LED		
	Backlight MTBF (hours)	30000hrs		
	Pixel Pitch	0.2745(H)*0.2745(V)		
	Luminance	250cd/m²		
	Contrast Ratio	1000:1		
	Viewing Angle	(L) 89 / (R) 89 / (T) 89 / (B) 89		
Touch Screen	Touch Screen Types	10-point capacitive 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		

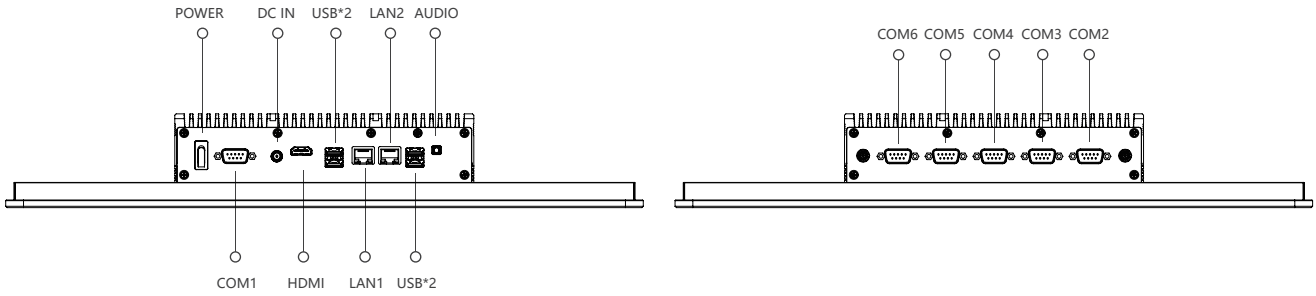
DIMENSION

DIMENSION FIGURE



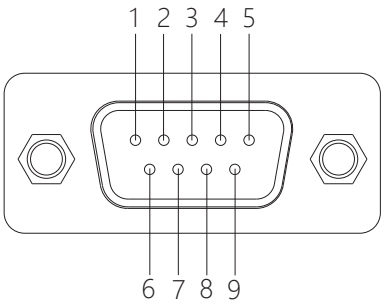
INTERFACE

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