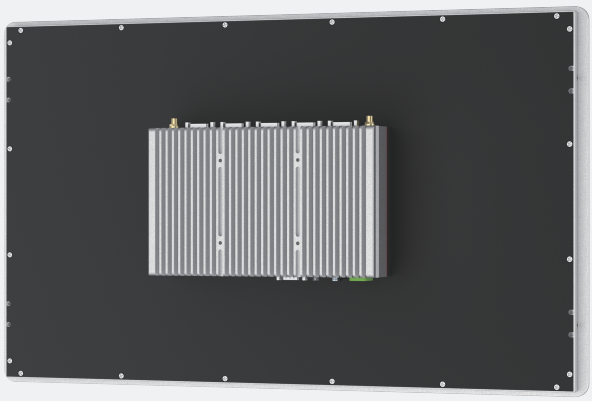
DTP-C238-8250UI3/I5/I7

DUAL-CORE FOUR-THREAD、QUAD-CORE EIGHT-THREAD |WIFI、BT、4G、5G |

SSD SUPPORTS UP TO 1T | ADAPTIVE GIGABIT NETWORK CHIP





23.8 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel® Core™ i3-8145U Dual-core Four-thread, Base frequency 2.1GHz / i5-8265U Quad-core Eight-thread, Base frequency 1.6GHz i7-8565U Quad-core Eight-thread, Base frequency 1.8GHz
- DDR4-1866/2133/2400 MHz high-speed memory, support up to 16GB；SSD supports up to 1T
- Dual Intel® 10M/100M/1000M adaptive gigabit network chip; 6 Serial ports，4*USB3.0、2*HDMI、1*Remote SW、1*DC IN
- WiFi、BT、4G、5G 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

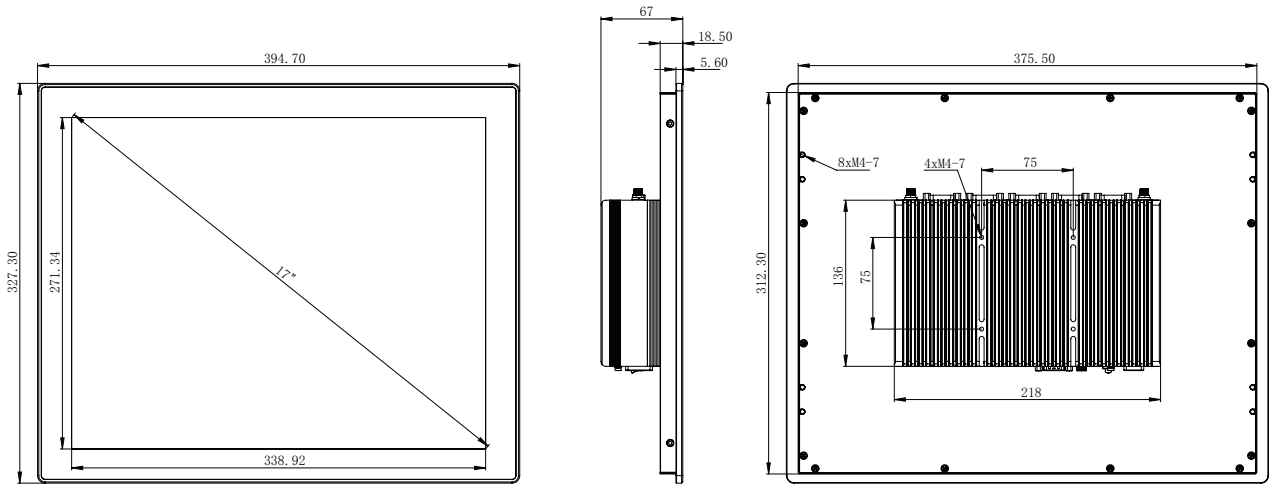
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	Model	DTP-C238-8250UI3	DTP-C238-8250UI5	DTP-C238-8250UI7
	CPU	Intel® Core™ i3-8145U	Intel® Core™ i5-8265U	Intel® Core™ i7-8565U
	Frequency	Dual-core Four-thread, base frequency 2.1GHz	Quad-core Eight-thread, base frequency 1.6GHz	Quad-core Eight-thread, base frequency 1.8GHz
	RAM	Support DDR4-1866/2133/2400 MHz high-speed memory, up to 16GB		
	Storage	1*SATA3.0 7P Connector+1*M.2 (NGFF) Key-M/B Slot		
I/O Interfaces	Network	2*Intel® 10/100/1000 Mbps RJ-45 Ethernet ports		
	Audio	Realtek® ALC897 5.1 Channel HDA Codec		
	USB	4*USB3.0		
	Serial Ports	4*RS232；2*RS232/RS485		
	Expansion Slots	1 * M.2 (NGFF) Key-B Slot（4G/5G)，1 * M.2 (NGFF) Key-E Slot（WIFI+BT)		
	Other Interfaces	2*HDMI，1*Remote SW，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 64bit ，Linux		
Power Supply	Input Voltage	12VDC		
	Max Power Consumption	TBD		
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		

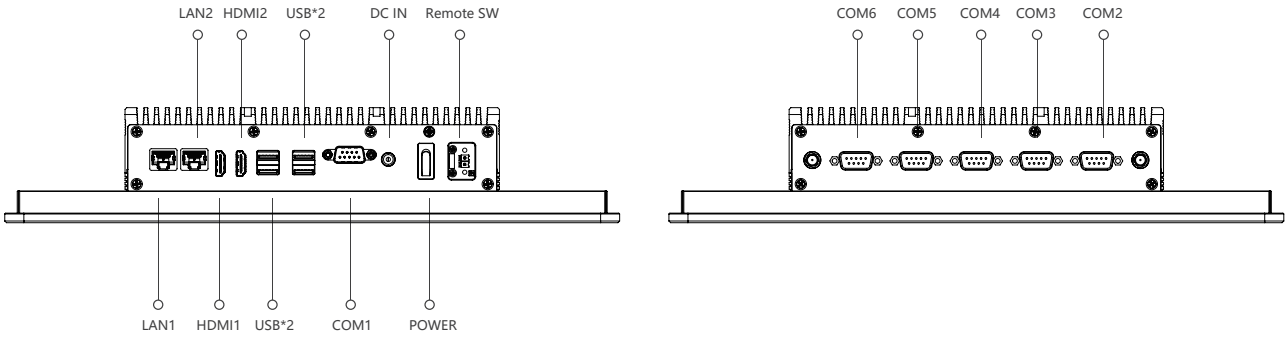
DIMENSION

DIMENSION FIGURE



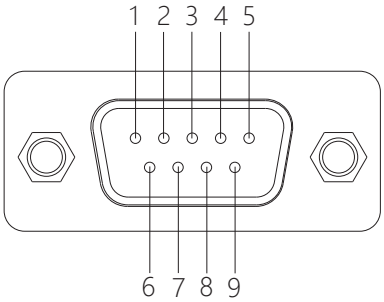
INTERFACE

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