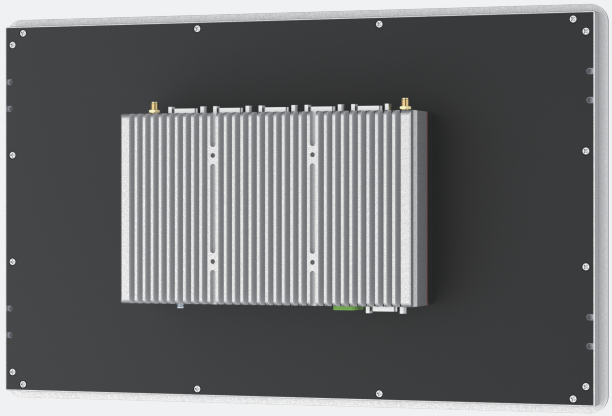
DTP-C185-1065I3/I5/I7

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

SSD SUPPORTS UP TO 1T | ADAPTIVE GIGABIT NETWORK CHIP





18.5 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel® Core® Ice Lake Processor i3-1005G1 Dual-core Four-thread, Base frequency 1.2GHz / i5-1035G1 Quad-core Eight-thread, Base frequency 1.0GHz / i7-1065G7 Quad-core Eight-thread, Base frequency 1.3GHz
- DDR4 high-speed memory, support up to 32GB; SSD supports up to 1T
- Dual Intel® i210 10M/100M/1000M adaptive gigabit network chip (Expandable to 4 network ports) ; 6 Serial ports, 4*USB3.0、1*HDMI、1*DC IN、1*Remote SW
- WiFi、BT、4G and other wireless configurations are optional
- Panel mounting cutout dimensions (recommended) 454*275 (1.20/1.60mm lager than the actual cutout dimensions) 449*273 (HD) (1.60/1.40mm lager than the actual cutout dimensions) (W*H)
- Overall dimensions: 465*285*68 / 461*281*68 (HD) (W*H*D)
- Mounting method: support 75mm*75mm VESA mounting and front-flush mounting

SINSMART

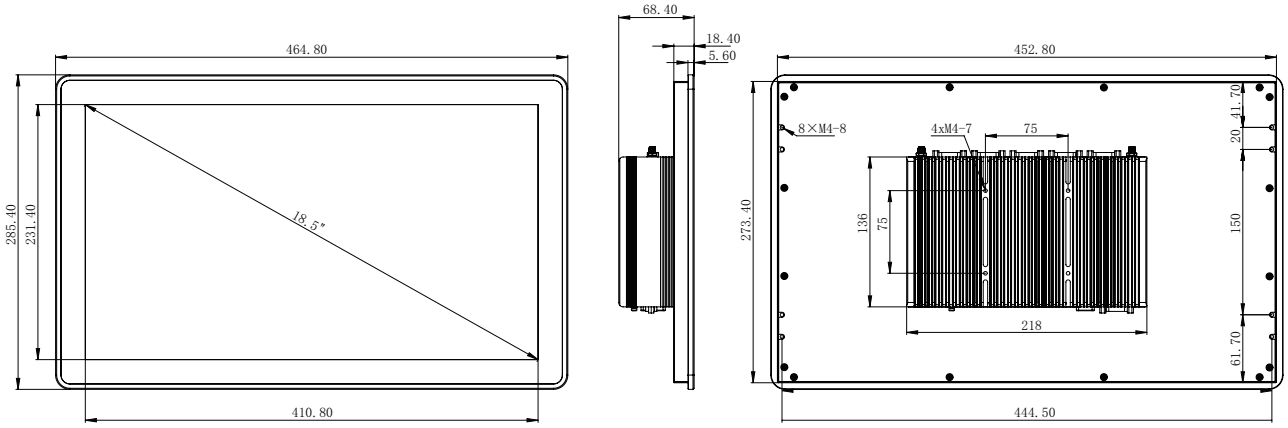
SPECIFICATION

SPECIFICATION PARAMETER

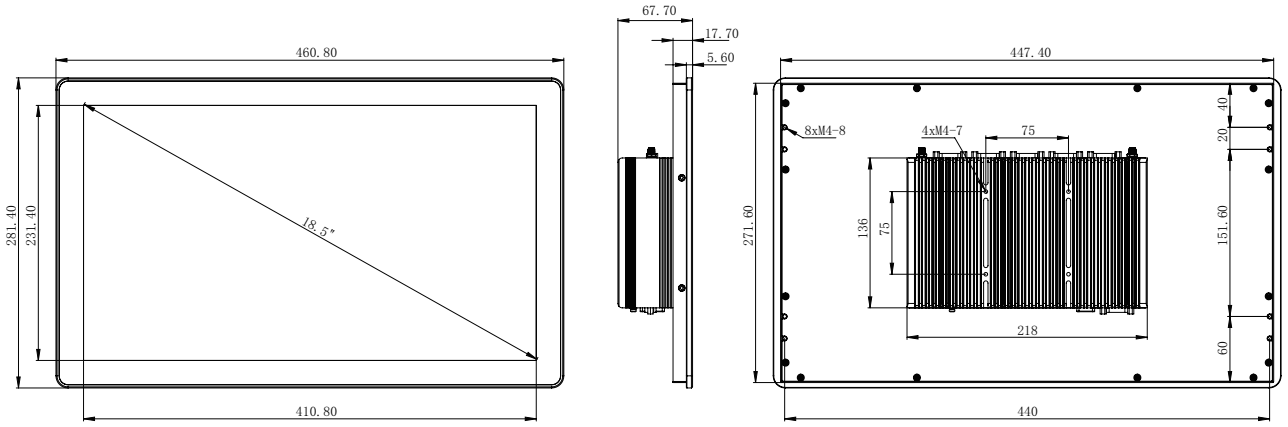
System Parameters	Model	DTP-C185-1065I3	DTP-C185-1065I5	DTP-C185-1065I7
	CPU	Intel® Core® Ice Lake Processor		
		i3-1005G1	i5-1035G1	i7-1065G7
	Frequency	Dual-core Four-thread, base frequency 1.2GHz	Quad-core Eight-thread, base frequency 1.0GHz	Quad-core Eight-thread, base frequency 1.3GHz
	RAM	1*DDR4 (up to 3200 MT/s) SO-DIMM high-speed memory, up to 32GB		
	Storage	1*SATA Gen3 6Gbps+1*M.2 2280 M-key Slot		
I/O Interfaces	Network	2*Intel® I210 GbE Ethernet Controller RJ-45 Ethernet ports (Expandable to 4 network ports)		
	Audio	Realtek® HDA Codec,with MIC/Line-out		
	USB	4*USB3.0		
	Serial Ports	4*RS232；2*RS485(COM5-6)		
	Expansion Slots	1*M.2 E-Key 2230 slot (BT+WIFI)，1*Mini-PCIe (4G+WIFI), 1*SIM Card for MIni-PCIe		
	Other Interfaces	1*HDMI，1*DC IN，1*Remote SW		
Physical Specifications	Dimensions(W*H*D)	465mm*285mm*68mm / 461mm*281mm*68mm (HD)		
	Cutout Dimenisons(W*H)	454mm*275mm (1.20/1.60mm lager than the actual cutout dimensions) 449mm*273mm (HD) (1.60/1.40mm lager than the actual cutout dimensions)		
	Net Weight	5.80kg / 5.36kg (HD)		
Operating System	Operating System	Support Windows 10/11 64bit, Linux		
Power Supply	Input Voltage	12~24VDC		
	Max Power Consumption	44W / 46W (HD)	53W / 55W (HD)	54W / 56W (HD)
LCD Panel	Screen Type	18.5" Full HD TFT		
	Resolution	1366*768 / 1920*1080		
	Maximum Colors	16.7MB		
	Backlight	LED		
	Backlight MTBF(hours)	1366*768 resolution：50000hrs；1920*1080 resolution：30000hrs		
	Pixel Pitch (H*V)	1366*768 resolution：0.1*0.3；1920*1080 resolution：0.213*0.213		
	Luminance	1366*768 resolution：500cd/m²；1920*1080 resolution：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



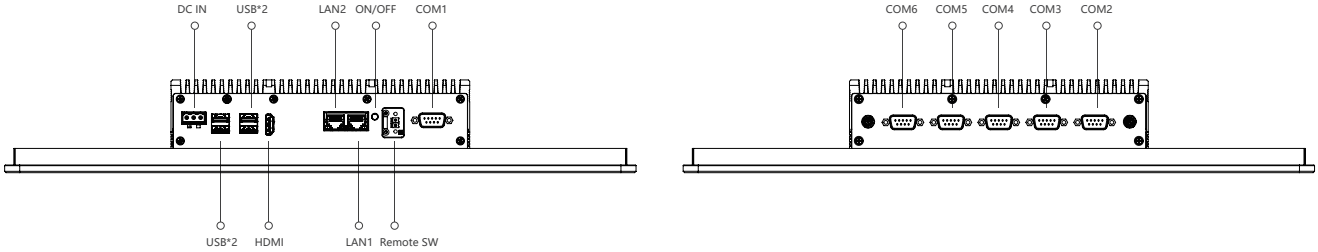
(Resolution: 1366*768)



(Resolution: 1920*1080)

INTERFACE

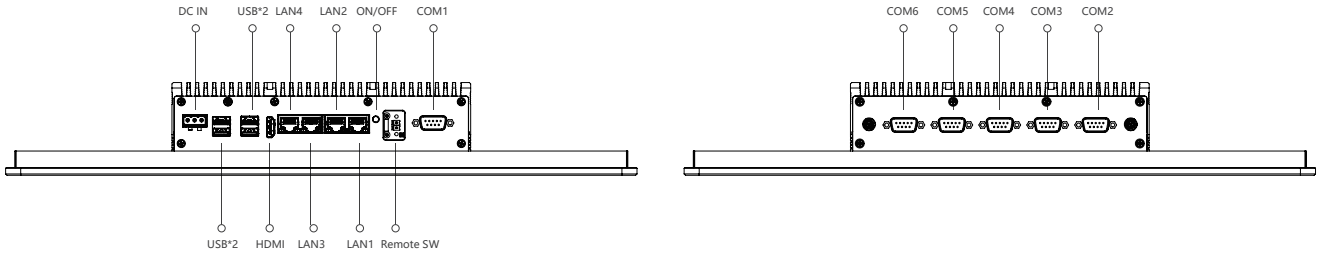
INTERFACE DRAWING



(2 Ethernet ports interface)

INTERFACE

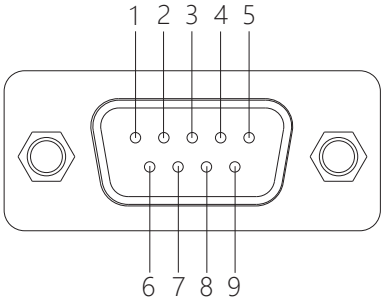
INTERFACE DRAWING



(4 Ethernet ports interface)

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