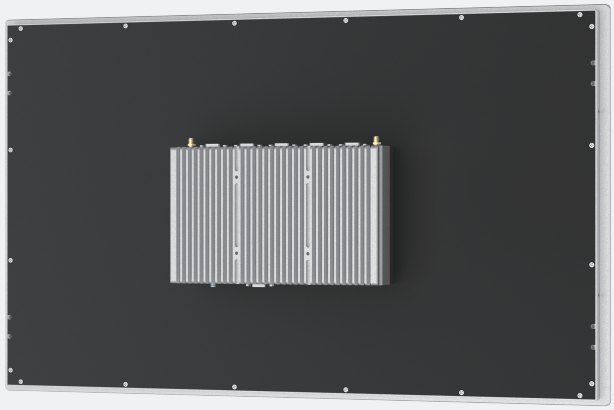
DTP-A270-J1900

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





27.0 " ULTRA-THIN ALL-ALUMINUM BODY FANLESS TABLET

- Intel® Celeron® J1900 Base frequency 2.0Ghz, Quad-core Four-thread
- DDR3L high-speed memory, up to 8GB; SSD supports up to 1T
- Dual Realtek®10M/100M/1000M adaptive gigabit network chip;
  6 Serial ports (support up to 2*RS485),1*USB3.0、3*USB2.0、1*HDMI、1*VGA、1*AUDIO、1*DC IN
- WiFi、BT、4G and other wireless configurations are optional
- Panel mounting cutout dimensions (recommended) 630*377 (W*H) (1.50/1.52mm larger than the actual cutout dimensions)
- Overall dimensions: 648*388*72 (W*H*D)
- Mounting method: support 75mm*75mm VESA mounting and front-flush mounting

SINSMART

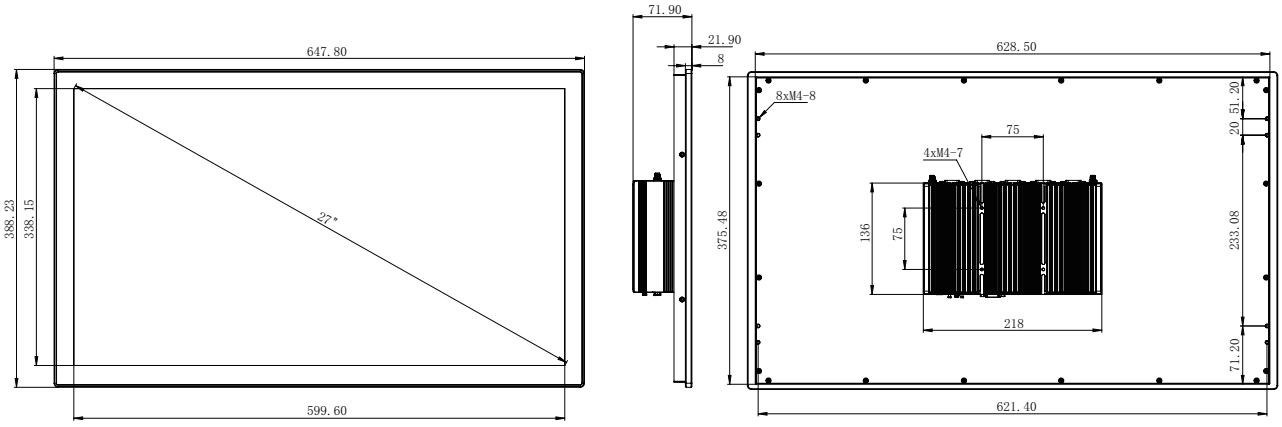
SPECIFICATION

SPECIFICATION PARAMETER

System Parameters	CPU	Intel®Celeron® J1900
	Frequency	Quad-core Four-thread, base frequency 2.0GHz
	RAM	1*DDR3L (up to 1333 MT/s) SO-DIMM high-speed memory, up to 8GB
	Storage	1*Mini-PCIe (1*mSATA); 1*SATA3.0 7+15P Connector
I/O Interfaces	Network	2*Realtek® 1Gbps PCIe Ethernet Controller, RJ-45 Ethernet port
	Audio	Realtek® HDA Codec, with MIC / Line-out
	USB	1*USB3.0, 3*USB2.0
	Serial Ports	4*RS232; 2*RS232 / RS485
	Expansion Slots	1*Mini-PCIe (1*Wifi / BT / 4G)
	Other Interfaces	1*VGA , 1*HDMI , 1*DC IN (Phoenix terminal) , 1*AUDIO
Physical Specifications	Dimensions(W*H*D)	648mm*388mm*72mm
	Cutout Dimensions(W*H)	630mm*377mm (1.50/1.52mm larger than the actual cutout dimensions)
	Net Weight	10.68kg
Operating System	Operating System	Support Windows 7 / 8.1 / 10, Linux
Power Supply	Input Voltage	9-36VDC
	Max Power Consumption	31W
LCD Panel	Screen Type	27.0" Full HD TFT
	Resolution	1920*1080
	Maximum Colors	16.7MB (8bit)
	Backlight	LED
	Backlight MTBF (hours)	30000hrs
	Pixel Pitch (H*V)	0.3114*0.3114
	Luminance	300cd/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 (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

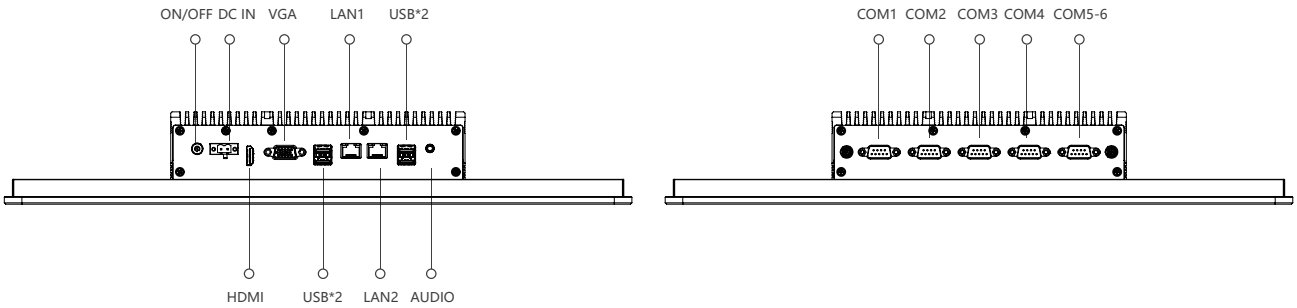
DIMENSION

DIMENSION FIGURE



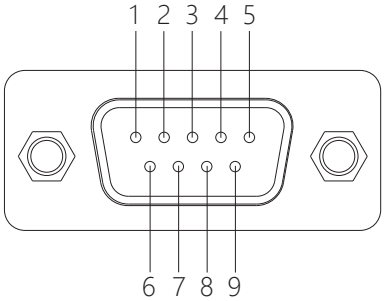
INTERFACE

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

COM5/COM6	
PINOUT	FUNCTION
1	NC
2	RXD
3	TXD
4	NC
5	GND
6	NC
7	RXD
8	TXD
9	NC