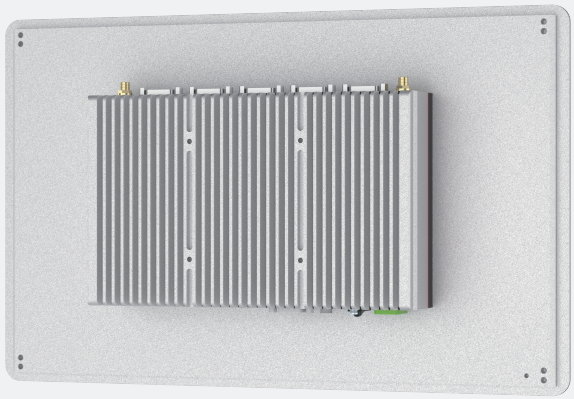
# DTP-C156-8250UI3/I5/I7

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

SSD SUPPORTS UP TO 1T | ADAPTIVE GIGABIT NETWORK CHIP





## 15.6 " 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) 378*234 (W*H) (1.80/1.90mm lager than the actual cutout dimensions)
- Overall dimensions: 392*246*62 (W*H*D)
- Mounting method: support 75mm*75mm VESA mounting and front-flush mounting

SINSMART

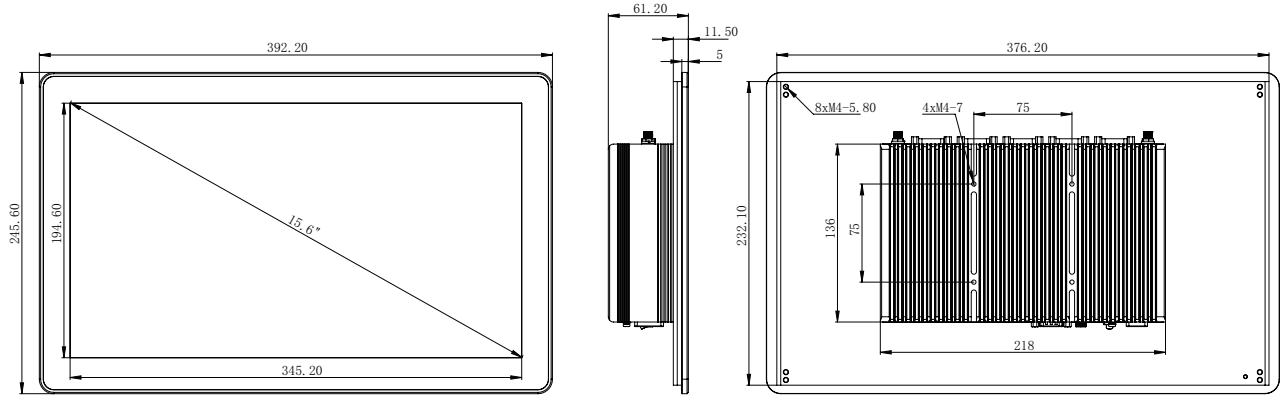
## SPECIFICATION

SPECIFICATION PARAMETER

| | | | | |
|---|---|---|---|---|
| **System Parameters** | Model | DTP-C156-8250UI3 | DTP-C156-8250UI5 | DTP-C156-8250UI7 |
| | 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) | 392mm*246mm*62mm | | |
| | Cutout Dimenisons(W*H) | 378mm*234mm（1.80/1.90mm lager than the actual cutout dimensions) | | |
| | Net Weight | 3.24kg | | |
| **Operating System** | Operating System | Support Windows 10 64bit ，Linux | | |
| **Power Supply** | Input Voltage | 12VDC | | |
| | Max Power Consumption | TBD | | |
| **LCD Panel** | Screen Type | 15.6" Full HD TFT | | |
| | Resolution | 1920*1080 | | |
| | Maximum Colors | 16.2MB | | |
| | Backlight | LED | | |
| | Backlight MTBF(hours) | 30000hrs | | |
| | Pixel Pitch | 0.179*0.179 | | |
| | Luminance | 250cd/m² | | |
| | Contrast Ratio | 800 : 1 | | |
| | Viewing Angle | (L) 89 / (R) 89 / (T) 85 / (B) 85 | | |
| **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 | | |
| | 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 | | |

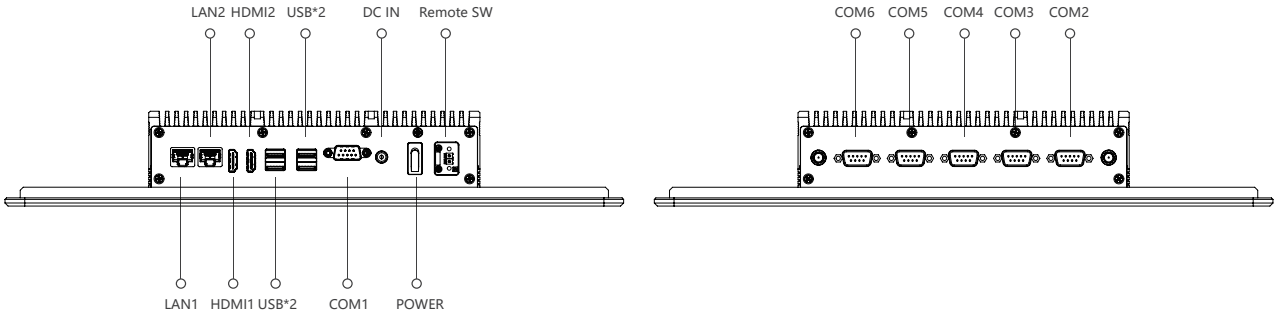
## DIMENSION

DIMENSION FIGURE



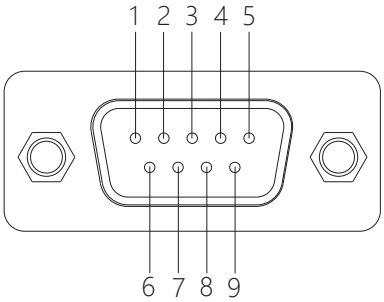

## INTERFACE

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 |