



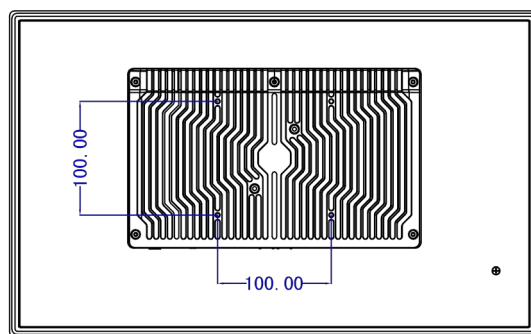
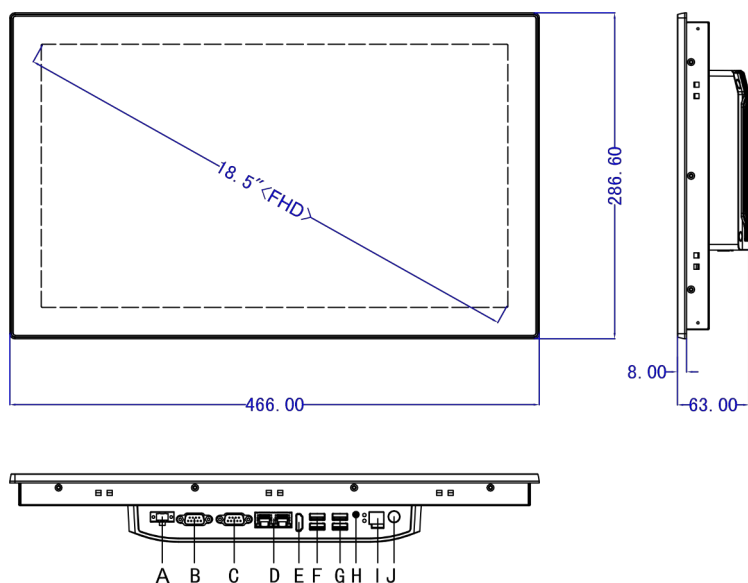
FEATURES

- 18.5" TFT LED Capacitive / Resistive Touch
- CPU: Intel Core 10th Gen i5-10210U 1.6GHz, TDP 25W
- 1x DDR4L 2400MHz 4GB, Up to 64GB
- 2xLAN, 2xRS232/422/485, 8KV Static Electricity & 600W TVS Surge Protection
- Built-in TPM2.0 for Hardware-based Security
- Wide voltage DC 9V~36V, OVP, OCP, RPP
- -20°C ~ 70°C extended operating temperature
- IP66 Compliant Front Panel

SPECIFICATIONS

System		Touch screen	
CPU	Intel ® 10th Gen Core i5-10210U 1.6GHz, TDP 25W	Touch Type	10 point PCAP
L2 Cache	6MB	Surface Hardness	≥7H
System Chipset	Integrated with Intel® SoC	Power	
Memory	DDR4L 2400MHz 4GB, Up to 64GB	Power Adapter	1 x Optional AC/DC 12V/5A , 60W
Harddisk	1 x M.2 120G SSD (250G / 500G / 2TB SSD) / 1 x 2.5" SATA	Power Mode	Support AT, ATX Mode
Graphics	Intel HD Graphics 620	Power Input	2-pin Terminal Block Connector with Power Input 9~36VDC
Network	Intel® I211-AT GbE LAN	Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection)
Audio	Realtek ACL662 Audio controller	Power Consumption	≤45W
TPM	TPM 2.0	Physical	
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset	Material	Aluminum alloy panel, anodized treatment
Operation System	Windows 10 / 11, Linux, Ubuntu	Mounting	Stand / Wall / VESA / Panel
I / O		Dimension (WxHxD)	466 x 287 x 63 mm
VIDEO	1 x H-DMI	Cut-out Size	452 x 273 mm
LAN	2 x LAN (10/100/1000/2500 Mbps)	Packing Size	500 x 180 x 450 mm
USB	3 x USB 3.0 / 1 x USB 2.0	Weight (Net)	5.2 KG
COM	2 x RS-232 / 422 / 485	Environment	
Audio	1x Audio_out & Mic_in	Operating Temperature	-20~70°C (-4~158 °F)
Wireless Network	Optional (WiFi / Bluetooth / 4G / 5G)	Storage Temperature	-30~80°C (-22~176°F)
Display		Relative Humidity	5%~95%@40°C, non-condensing
LCD Size	18.5" (16:9)	Vibration Protection	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Resolution	1920 x 1080 (FHD)	IP Level	Front Panel IP66
Brightness (cd/m²)	350 cd/m²	EMC	CE, FCC, ROHS
Contrast Ratio	1200:1		
Backlight MTBF	50000 Hr (min.)		
Viewing Angle	85 / 85 / 85 / 85 (CR≥10) (L / R / U / D)		

Dimension & I/O



I / O Definition:

- | | |
|----------------------------|------------------------------|
| A. DC 9V~36V | B. COM1:RS-232 / 422 / 485 |
| C. COM2:RS-232 / 422 / 485 | D. 2 x LAN |
| E. H-DMI | F. 1 x USB 3.0 / 1 x USB 2.0 |
| G. 2 x USB 3.0 | H. Audio |
| I. Extension Switch | J. Power Button |

Panel Cutout Dimensions: 452 x 273 mm (17.80 x 10.75 in)

ORDERING INFORMATION

PACKING LIST

1x Industrial Panel PC
1x Utility DVD Driver
10x Embedded Buckles
1x Power Adaptor

AVAILABLE MODELS

Display Size	Resolution	Format	Brightness(cd/m ²)	Viewing Angle	LCD Color	Backlight MTBF
10.1"	1280 x 800	16:10	400 cd/m ²	85/85/85/85	262K/16.2M	30000 Hr (min.)
10.4"	800x600/1024x768	4:3	350 cd/m ²	80/80/65/75	262K/16.2M	30000 Hr (min.)
12.1"	800x600/1024x768	4:3	500 cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
12.1"	1280x800	16:10	400 cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
13.3"	1920x1080	16:9	400cd/m ²	85/85/85/85	262K/16.7M	50000 Hr (min.)
15"	1024x768	4:3	350cd/m ²	89/89/89/89	262K/16.2M	50000 Hr (min.)
15.6"	1920x1080	16:9	450cd/m ²	89/89/89/89	262K/16.2M	50000 Hr (min.)
17"	1280x1024	5:4	400cd/m ²	80/80/70/70	262K/16.7M	50000 Hr (min.)
17.3"	1920x1080	16:9	400cd/m ²	80/80/60/80	262K/16.7M	50000 Hr (min.)
18.5"	1920x1080	16:9	350cd/m ²	85/85/85/85	262K/16.7M	50000 Hr (min.)
19"	1280x1024	5:4	450cd/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)
21.5"	1920x1080	16:9	400d/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)
23.8"	1920x1080	16:9	350cd/m ²	89/89/89/89	262K/16.7M	30000 Hr (min.)