

FEATURES

- 17.0" LED backlight display (1280x1024 resolution)
- Intel® Alder Lake-U processor
- Front panel IP65
- Surface coating for AG/AF
- 5G module with antenna
- RS232/RS422/RS485 setting by BIOS
- Remote power switch
- Strong expandability for RS232 or CAN&DIO or POE
- DC 12~36V wide voltage input, support RVP/SCP/OVP/OCP
- Modular design of the host and display for easy assembly and disassembly via socket connection



SPECIFICATIONS

System		Power	
CPU	Intel® Alder Lake-U processor	Input Voltage	DC 12~36V
Memory	1 x SO-DIMM, DDR5 4800MHz, Max. 32GB	Power Consumption	47.50W
Storage	1 x M.2 M Key 2242/2280 (NVMe), 1 x 2.5" SATA3.0	Mechanical	
Display	1 x HDMI 1.4b, 1 x DP 1.2 (only for non-clip cables)	Dimensions	391.4x326.4x79.0mm (15.4x12.9x3.1in)
USB	4 x USB3.2 Gen1 Type-A	Cutout Dimensions	379.5x314.5mm (14.9x12.4in)
COM	2 x RS232/RS422/RS485 (setting by BIOS)	Net Weight	5.77kg (12.72lb)
LAN	3 x 10/100/1000/2500Mbps RJ-45 (Intel I226-V), 1 x 10/100/1000Mbps RJ-45 (Intel I210-AT)	Environment	
Expansion	1 x M.2 E Key 2230 (for WiFi & Bluetooth), 1 x M.2 B Key 3042/3052 (for 4G/5G)	Operating Temperature	0~50°C (32~122°F)
TPM	TPM 2.0	Storage Temperature	-20~60°C (-4~140°F)
Watchdog	1~255 levels programmable	Relative Humidity	5%~95% @40°C (non-condensing)
LCD		IP Rating	Front panel IP65
Display Type	17.0" SXGA	Vibration	Operating random vibration test 5~500Hz, 1.5Grms @with SSD, follows IEC 60068-2-64
Max. Resolution	1280x1024	Shock	Operating 15G peak acceleration (11ms duration), follows IEC 60068-2-27
Luminance	250nits	EMC	CE/FCC Class A
Contrast Ration	1000:1		
Viewing Angle	85 (L), 85 (R), 80 (U), 80 (D)		
Backlight Lifetime	50000hrs		
Touch Screen			
Touch Type	Multi-touch projected capacitive		
Light Transmission	≥ 81%		
OS			
OS Support	Windows10, Windows11, Linux		

OPTIONS

System

CPU	i3-1215U, 6 cores, base frequency 1.2GHz, TDP 15W i5-1235U, 10 cores, base frequency 1.3GHz, TDP 15W i7-1255U, 10 cores, base frequency 1.7GHz, TDP 15W
Memory	DDR5 memory, support 8GB, 16GB, 32GB
Storage	M.2 SSD, support 128GB, 256GB, 512GB, 1TB, 2TB 2.5" SATA3.0, support 128GB, 256GB, 512GB, 1TB, 2TB

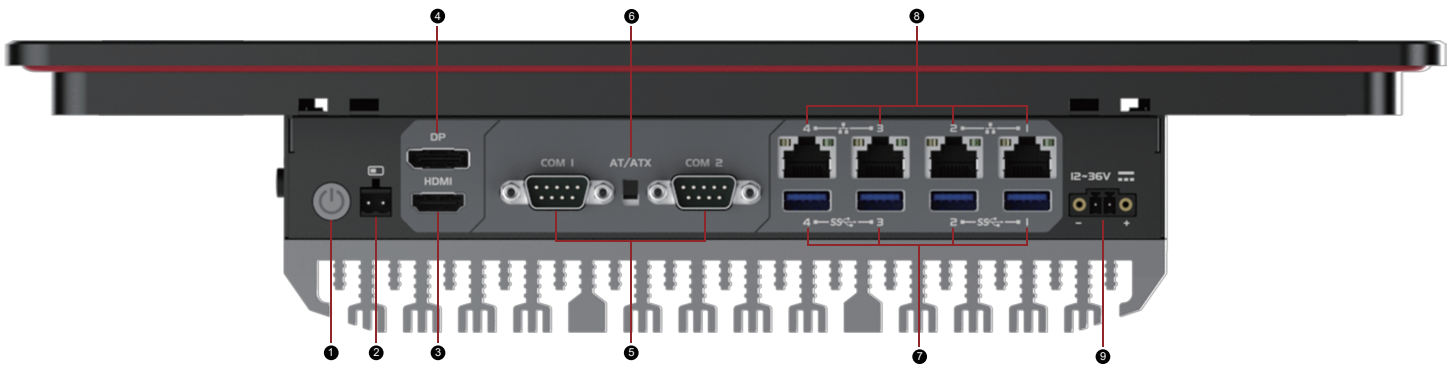
Communications

4G/5G	4G/5G module with antenna
WiFi & Bluetooth	WiFi & Bluetooth module with antenna

Expansion

Expansion Card 1	2 x Iso.RS232 COM, DB9 connector 2 x CAN, 4 x Iso.DI, 4 x Iso.DO
Expansion Card 2	4 x POE+, support 802.3at

I/O LAYOUT



- 1 Power Button
- 2 Remote Switch
- 3 HDMI
- 4 DP
- 5 2 x COM, Optional:RS232/RS422/RS485
- 6 AT/ATX Switch
- 7 4 x USB3.2 Gen1
- 8 4 x RJ45
- 9 DC IN

PRODUCT DIMENSIONS

