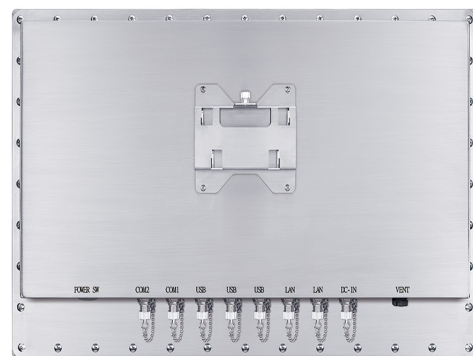
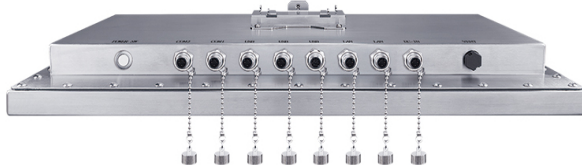




(Above photos are reference only, please refer to below drawings)

Specification

System	Processor Chipset System Memory Storage Device Graphic Engine GPIO Watchdog	Intel Core i3-1215U/i5-1235U/i7-1255U, TDP default is 15W CPU Integrated DDR4-3200 MHz, 1 x non-ECC SO-DIMM, up to 32GB 1 x SATA 3.0 7P Connector (with 1 x SATA power wafer) Intel UHD/Iris Xe Graphics 1 x GPIO Wafer (Programmable support 8-bit GPIO) With Watchdog Timer
LCD Touch Panel	LCD Size Brightness Resolution Touch Screen	19" (5:4) 250 nits or up to 1600 nits (Sunlight Readable, Optional) 1280 x 1024 True-Flat PCAP Touch or Resistive Touch (Optional)
Expansion	M.2 Other	1 x M.2 Key-M Slot (PCIe x4 NVMe / SATA SSD, 2280) PCIe x4 is default 1 x M.2 Key-E Slot (PCIe + USB 2.0, Support Wifi + BT, 2230) 1 x M.2 Key-B Slot (PCIe + USB 3.0 + USB 2.0, Support 5G/4G, 2242/3052) 1 x SIM Card Wafer
External I/O Ports	USB Serial Port LAN Vent	6 x USB 2.0 or 3 x USB 3.0 + 3 x USB 2.0 with 2 meter long M12 type water-proof IP69K cable (Max.) 2 x RS-232 with 2 meter long M12 type water-proof IP69K cable (Max.) 2 x LAN with 2 meter long M12 type water-proof IP69K cable (Max.) 1 x Vent
Audio	Internal Speaker	Speaker Header x 1
Power	Power Supply Connector	1 x DC-12/24V Input port with 2 meter long M12 type water-proof IP69K cable with Power adapter included 9-36VDC-IN wide range, w/o Power adapter (optional)
Environment	Ventilation Dust & Water Proof Operating Temperature Storage Temperature Humidity	Fanless Full IP69K/IP68, full stainless steel housing (SUS304 or SUS316), True Flat PCAP/Resistive Touch design -20°C ~ 60°C -25°C ~ 75°C 5% ~ 95% RH non-condensing
Dimensions (WxDxH)		445 x 369.6 x 53 mm
Weight		8.0 kg
Mounting		VESA Mount 100 x 100 mm
OS Supported		Win10, Win11, Linux

