



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	21.5" 250 nits or 1000+ nits (Optional) 1920 x 1080 True-Flat PCAP Touch or Resistive Touch (Optional), Anti-UV, Anti-IR protection, Optical Bonding (Optional)
Expansion	M.2 Others	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 with 2 meter long M12 type water-proof IP69K cable (max.), USB 3.0 2 meter M12 IP69K cable (Optional) 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 (Optional) 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)		579.38 x 373.02 x 58 mm
Weight		9.5 kg
Mounting		VESA Mount 75 x 75 or 100 x 100 mm
OS Supported		Win10, Win11, Linux

