



Specification

System	Processor Chipset System Memory Storage Device Graphic Engine GPIO Watchdog	Intel Core i3-1115G4/i5-1135G7/i7-1165G7, TDP default is 15W, 12W/28W Bios optional CPU Integrated DDR4-3200 MHz, 2 x non-ECC SO-DIMM, up to 64GB 1 x SATA 3.0 7P Connector (with 1 x SATA power header), 1 x M.2 Key-M Slot (PCIe x4 NVMe / SATA SSD, 2280) Intel HD Graphics 1 x GPIO Header (Programmable support 8-bit GPIO) With Watchdog Timer
LCD Touch Panel	LCD Size Brightness Resolution Touch Screen	21.5" 250 nits or up to 1600 nits (Sunlight Readable) 1920 x 1080 True-Flat PCAP Touch or Resistive Touch (Optional)
Expansion	M.2 Mini PCI-E	1 x M.2 Key-E Slot (PCIe + USB 2.0, Support Wifi + BT, 2230) 1 x Mini PCI-E Slot (PCIe +USB 2.0, Support Wifi +3G/4G, with 1 x nano-SIM card slot)
External I/O Ports	USB Serial Port LAN Vent	6 x USB3.0 with 2 meter long M12 type water-proof IP69K cable 2 x RS-232 with 2 meter long M12 type water-proof IP69K cable 2 x LAN with 2 meter long M12 type water-proof IP69K cable 1x Vent
Audio	Internal Speaker	Speaker Header x1
Power	Power Supply Connector	1x DC-12V Input port with 2 meter long M12 type water-proof IP69K cable with Power adapter included
Environment	Ventilation Dust & Water Proof Operating Temperature Storage Temperature Humidity	Fanless Full IP69K/IP68, full stainless steel housing (SUS304 or SUS316), true flat PCAP 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 mm	
OS Supported	Win10, Win11, Linux	

