



Specification

System	Processor Chipset System Memory Storage Device Graphic Engine GPIO Watchdog	Intel Celeron Elkhart Lake J6412 CPU, Quad-Core, up to 2.60 GHz, TDP 10W CPU Integrated DDR4-2666/2933/3200, 1 x SO-DIMM, up to 32GB 1 x SATA 3.0, 1 x NVMe M.2 Intel HD Graphics 1 x GPIO Header (Programmable support 8-bit GPIO) With Watchdog Timer
LCD Touch Panel	LCD Size Brightness Resolution Touch Screen	10.1" 350 nits or 1000+ nits (Optional) 1280 x 800 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, 2280, PCIe x2 NVMe/ SATA) NVMe is default 1 x M.2 (Key-B, 3052, PCIe/USB 3.0 + USB 2.0) USB 3.0 is default 1 x Mini-PCle (PCIe + USB 2.0/ mSATA) PCIe + USB 2.0 is default
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 x1
Power	Power Supply Connector	1 x DC-12V 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)		274.3 x 198.3 x 53.2 mm
Weight		5.5 kg
Mounting		VESA Mount 75 x 75 mm
OS Supported		Win10, Win11, Linux

