



Specification

System	Processor	Intel Celeron J6412 CPU, Quad-Core, up to 2.6 GHz, TDP 10W
	System Memory	DDR4-2666/2933/3200, 1 x SO-DIMM, up to 32GB
	Storage Device	1 x SATA 3.0, 1 x M.2 NVMe
	GPIO	1 x GPIO Header (Programmable support 8-bit GPIO)
LCD Touch Panel	LCD Size	12.1"
	Brightness	600 nits (1000 nits optional)
	Resolution	1280 x 800
	Touch Screen	True-Flat PCAP Touch (IP67 Front)
Expansion	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	3 x USB 3.0, 3 x USB 2.0
	Serial Port	1 x RS-232/485, 1 x RS-232
	LAN	2 x Giga LAN
	Display	2 x HDMI
	Audio	Line-Out + MIC 2 in 1 3.5mm Jack
Audio	Internal Speaker	1 x Line-out +MIC, 2 x Stereo speaker (Optional)
Power	Power Supply	DCIN Input: 12V with lockable Power adapter
	Connector	Support 9-36VDC-IN 2-pin phoenix connector (Optional)
Environment	Ventilation	Fanless
	Dust & Water Proof	Front IP67
	Operating Temperature	0 ~ 60°C (32 ~ 140°F)
	Storage Temperature	-20 ~ 70°C (-4 ~ 176°F)
	Humidity	5% ~ 95% R/H, non-condensing
Dimensions (WxDxH)	306 x 222 x 50 mm, suggested cut out is 282.6 x 198.6 mm	
Weight	2.2 kg	
Mounting	VESA Mount, Panel Mount with Panel Mount bracket (Optional)	
OS Supported	Windows 10, Windows 11, Linux	

