



Specification

System	Processor	Intel Core i5-1135G7, Quad-core, up to 4.20GHz, TDP default is 15W, 12W/28W Bios optional
	System Memory	DDR4-3200 MHz, 2 x non-ECC SO-DIMM, up to 64GB
	Storage Device	1 x SATA 3.0 7P Connector (with 1 x SATA power header), 1 x M.2 SATA
	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 Slot (PCIe x4 NVMe / SATA SSD, 2280) Default is M.2 SATA SSD
		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	6 x USB 3.0
	Serial Port	1 x RS-232/485, 1 x RS-232
	LAN	2 x Giga LAN
	Display	2 x HDMI
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 9-36V DC-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	

