

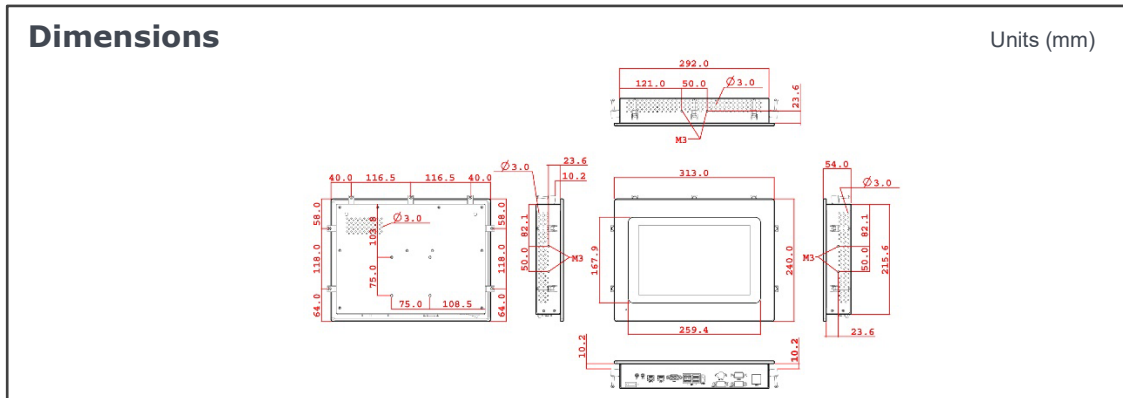


## Features

- Intel® Elkhart Lake J6412 CPU
- 10.1" 1280 x 800 LCD 400nits
- P-Cap Touch with Front IP66
- Low Power Fanless Solution
- Front Panel Mount Housing
- Wide Range DC Input
- CE, FCC, VCCI Class B Passed
- Optional WLAN with External Antenna
- Adjust Brightness Function

## Specification

Product		WLP-7J20-W10 MBKPT
Main System	CPU	Intel® Elkhart Lake SoC CPU J6412, QC, 2.60-2.0GHz, 10W
	Graphic	Intel® Gen 11 Graphics
	Memory	Dual channel support 3200MHz DDR4 SODIMM socketx2, up to 32GB
	OS Support	Windows 10 (64bit), Windows 11 (64bit)
Display	Size	10.1", 16:10
	Resolution (pixel)	1280 x 800 (WXGA)
	Number of Colors	16.7M colors
	View Angle (H/V)	170(H) / 170(V)
	Brightness (cd/m <sup>2</sup> , nit)	400 nits
	Contrast Ratio	800:1 (Typ)
Touch Panel	Type	Full flat p-cap touch panel
	Light Transmission	90 ± 3%
	Hardness	>=7H
	Lifetime	TBD times
Storage & Expansion	Storage	1 x 2.5" SATA HDD drive bay (with anti-vibration mechanism) 1 x M.2 (KEY M, 2242/2260/2280) with SATA3 and PCIeX1 for SSD
	Expansion	1 x PCIe x1(Gen 3) 1 x M.2 (Key E, 2230) with PCIe x1 and shared USB2.0 for Wireless 1 X M.2 (Key B, 3042/3052) with PCIeX1/USB2.0/USB3.2 and SIM for 4G/5G 1 x SIM socket connected to M.2 key B
I/O Ports	USB	2 x USB3.2(Gen 1), 2 x USB2.0
	COM	1 x RS-232, 2 x RS-232/422/485
	LAN	1 x RJ-45 1 Gbps, 1 x RJ45 2.5 Gbps
	Audio / Video	2 x 3.5mm phone jack connector (Line-out, Mic-in) 1 x HDMI 2.0b, 1 x VGA
	Control Keys	Rear bottom: Power on /off
Power	Power input	DC12~28V input
	Power adapter	External, 60 watts, 100 ~240V AC in, 19V DC out (PSU with PSE)
Environmental	Temperature	Operating Temperature: 0~50°C by SSD (IEC60068-2-56) 0~45°C by HDD (IEC60068-2-56) Storage Temperature: -20~65°C
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing
	Water/Dust resistance	IP66 at front
Mechanical Characteristics	Housing	Front bezel is Aluminum, others are SECC with black coating
	Dimensions (Net: mm)	TBD
	Weights (Net: kg))	TBD kg
	Mounting	Panel mount, Optional Open frame / Chassis, VESA (75x75)
Certification	CE/ FCC/ VCCI Class B	



Major Options	
Add On Parts	<ol style="list-style-type: none"> <li>1. Wireless and BT kit</li> <li>2. 2.5" SSD</li> <li>3. Stainless steel front bezel</li> <li>4. Silver front bezel</li> <li>5. USB 2.0 x 2</li> <li>6. Windows 10 (64bit), Windows 11 (64bit)</li> </ol>
Add On Cable	<ol style="list-style-type: none"> <li>1. DC input cable</li> </ol>
Customization	<ol style="list-style-type: none"> <li>1. Open frame housing or Chassis type housing</li> <li>2. Sunlight Readable by 1000 nits LCD + Optical Bonding (Impact protection level: IK08)</li> <li>3. M.2 SSD</li> <li>4. Storage door Solution</li> <li>5. 5G Module</li> <li>6. TPM 2.0</li> </ol>

## Order Information

Item	Touch	Description
WLP-7J20-W10 (MBKPT)	Full Flat Pcap Touch	10.1" J6412 2.6GHz/4G RAM/ 500G HDD/Panel Mount

## I.O. (STD)

