

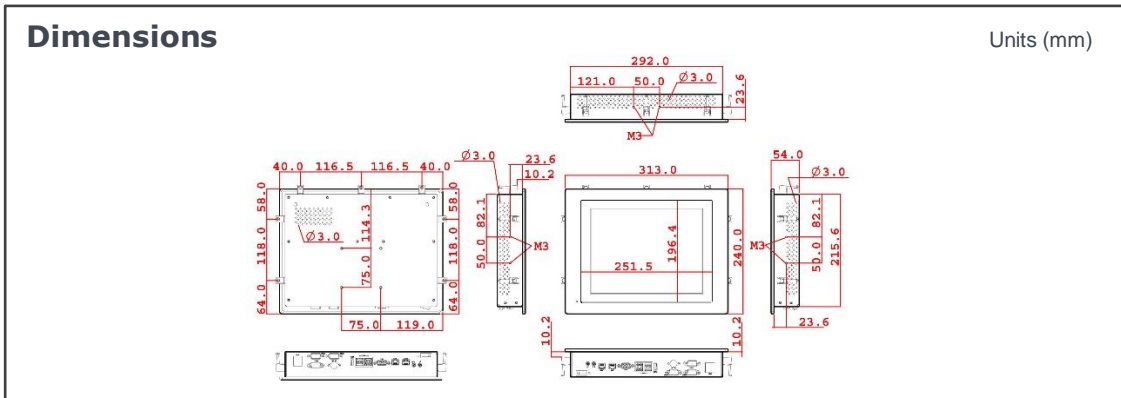


Features

- Intel® Elkhart Lake J6412 CPU
- 10.4" 800 x 600 LCD 230nits
- Full Res or 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-7J20-10 MBKFT		WLP-7J20-10 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	10.4", 4:3		
	Resolution (pixel)	800 x 600 (SVGA)		
	Number of Colors	16.2M colors		
	View Angle (H/V)	160(H) / 130(V)		
	Brightness(cd/m², nit)	230 nits		
	Contrast Ratio	500:1 (Typ)		
Touch Panel	Type	Full flat resistive touch panel	Full flat p-cap touch panel	
	Light Transmission	80 ± 5%	≥86%	
	Hardness	≥3H	≥7H	
	Lifetime	35M times	100M 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"> 1. Wireless and BT kit 2. 2.5" SSD 3. Stainless steel front bezel 4. Silver front bezel 5. USB 2.0 x 2 6. Windows 10 (64bit), Windows 11 (64bit)
Add On Cable	<ol style="list-style-type: none"> 1. DC input cable
Customization	<ol style="list-style-type: none"> 1. Open frame housing or Chassis type housing 2. Sunlight Readable by 1000 nits LCD + Optical Bonding (Impact protection level: IK08) 3. M.2 SSD 4. Storage door Solution 5. 5G Module 6. TPM 2.0

Order Information

Item	Touch	Description
WLP-7J20-10 (MBKFT)	Full Flat Resistive Touch	10" J6412 2.6GHz/4G RAM/ 512G SSD/Panel Mount
WLP-7J20-10 (MBKPT)	Full Flat Pcap Touch	10" J6412 2.6GHz/4G RAM/ 512G SSD/Panel Mount

I.O.(STD)



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|----------------------|------------|-----------------|
| 1 RS-232/422/485 x 2 | 5 USB x 4 | 9 Microphone |
| 2 RS-232 x 1 | 6 VGA x 1 | 10 Power on/off |
| 3 DC-in x 1 | 7 LAN x 2 | |
| 4 HDMI x 1 | 8 Line-out | |

