

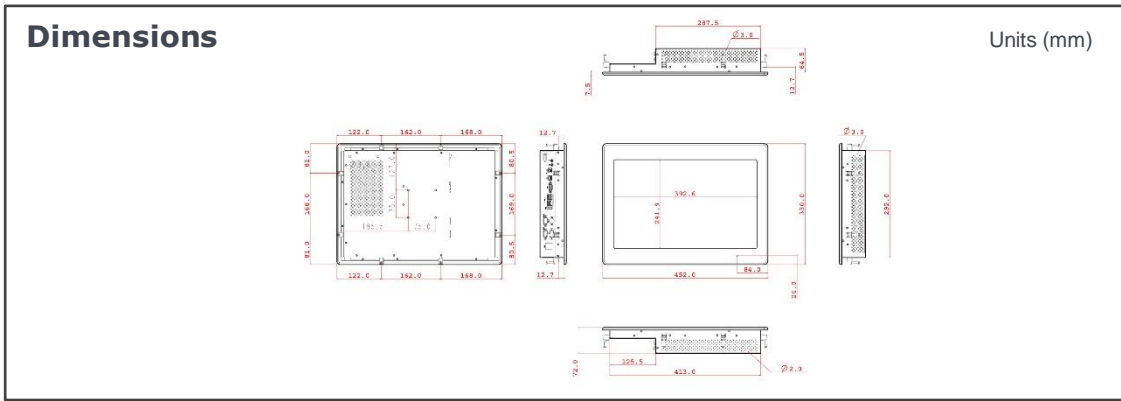


### Features

- Intel® Elkhart Lake J6412 CPU
- 15.6" 1366x768 LCD 400nits
- 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-W15 MBKFT	WLP-7J20-W15 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	15.6", 16:9	
	Resolution (pixel)	1366 x 768 (HD)	
	Number of Colors	16.7M colors	
	View Angle (H/V)	170(H) / 160(V)	
	Brightness(cd/m <sup>2</sup> , nit)	400 nits	
	Contrast Ratio	500:1 (Typ)	
Touch Panel	Type	Full flat resistive touch panel	Full flat p-cap touch panel
	Light Transmission	80 ± 5%	>=90%
	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		



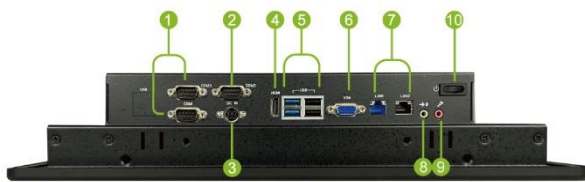
### Major Options

Add On Parts	<ol style="list-style-type: none"> <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	1. DC input cable
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-W15 (MBKFT)	Full Flat Resistive Touch	15.6" J6412 2.6GHz/4G RAM/ 512G SSD/Panel Mount
WLP-7J20-W15 (MBKPT)	Full Flat Pcap Touch	15.6" J6412 2.6GHz/4G RAM/ 512G SSD/Panel Mount

## I.O.(STD)



- |                      |            |                 |
|----------------------|------------|-----------------|
| 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 |                 |

