

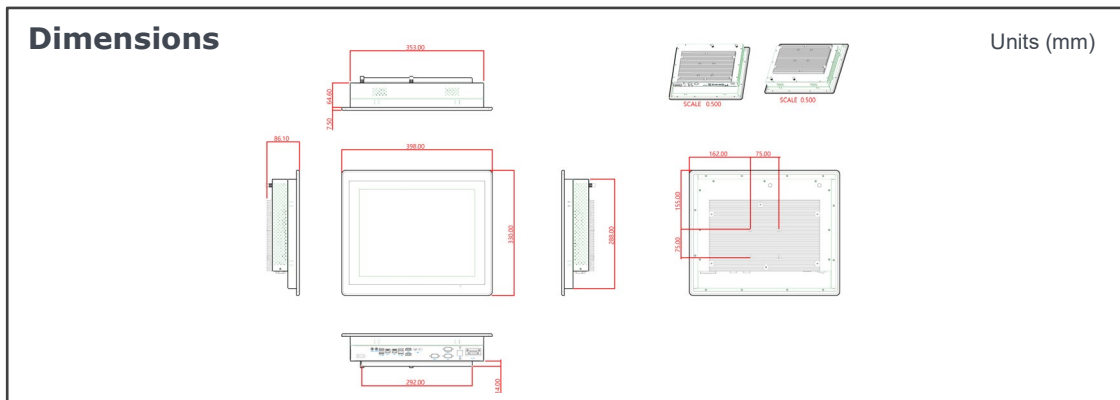


## Features

- Intel® Alder Lake-P MCP Processors, 15W
- 15" 1024x768 LCD 350nits
- Full Flat Res. or P-Cap Touch
- Fanless Solution
- IP66 Front Panel Mount Housing
- Wide Range DC Input
- CE, FCC, VCCI Class B Passed
- Up to 3 Extended Displays
- Optional WLAN with External Antenna
- Adjust Brightness Function

## Specification

Product		WLP-7H20-15 MBKFT	WLP-7H20-15 MBKPT
Main System	CPU	Intel® 12th Gen Alder Lake-P MCP Processors, 15W	
	Graphic	Intel® Gen 12 Graphics	
	Memory	Dual Channel DDR4 3200 MHz ,2 x 260 SO-DIMM, up to 64GB (32GB per DIMM)	
	TPM	TPM2.0	
	OS Support	Optional Windows 10(2019-LTSC) (64bit), Windows 11 (64bit)	
Display	Size	15", 4:3	
	Resolution (pixel)	1024 x 768 (XGA)	
	Number of Colors	16.2M colors	
	View Angle (H/V)	160(H) / 160(V)	
	Brightness(cd/m <sup>2</sup> , nit)	350 nits	
	Contrast Ratio	800:1 (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 PCIe Gen4 x4 for SSD	
	Expansion	1 x M.2 (Key B, 3042/3052) with PCIe x1, USB3.2, USB2.0 and SIM for 4G/5G 1x SIM socket connected to M.2 key B 1 x M.2 (Key E, 2230) with PCIe, USB2.0 and CNVi for Wireless	
I/O Ports	USB	2 x USB 2.0, 2 x USB 3.2 Gen2, 2 x USB 3.2 Gen2 Type-C (Support DP1.4a display output, power output 5V/3A)	
	COM	2 x RS-232/422/485(COM1, COM2), 1 x RS-232(COM3)	
	LAN	2 x RJ-45 2.5 Gbps	
	HDMI	2 x HDMI 2.0b	
	Audio	2 x 3.5mm phone jack connector (Line-out, Mic-in)	
	Control Keys	Rear bottom: Power on /off	
Power	Power input	DC12~28V input	
	Power adapter	External, 100 watts, universal 100 ~240V AC in, 19V DC out, 5.26A	
Environmental	Temperature	Operating Temperature: 19V DC Input 0~50°C (IEC60068-2-56, air flow cooling) 19V DC Input 0~40°C (IEC60068-2-2, natural cooling) Storage Temperature: -20~60°C	
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
	IP and IK Level	IP66 at front, IK05	
Mechanical Characteristics	Housing	Front bezel is Aluminum, others are SECC with black coating	
	Dimensions (Net: mm)	TBD (mm)	
	Weights (Net: kg))	TBD kg	
	Mounting	Panel mount VESA (75x75)	
Certification	FCC-B, CE (EMC), VCCI, ICES-003		



### Major Options

Options	<ol style="list-style-type: none"> <li>1. Wireless and BT kit (2 ant)</li> <li>2. 2.5" SSD</li> <li>3. Stainless steel front bezel</li> <li>4. Silver front bezel</li> <li>5. 1 x USB 2.0 (By Cable)</li> <li>6. Windows 10 (2019-LTSC) (64bit), Windows 11 (64bit)</li> <li>7. M.2 NVMe SSD</li> <li>8. 2 x 2.5" SSD for RAID 0,1</li> <li>9. Chassis type housing</li> </ol>
Customization	<ol style="list-style-type: none"> <li>1. Open frame housing</li> <li>2. Sunlight Readable by 1000 nits LCD + Optical Bonding (Impact protection level: IK08)</li> <li>3. Storage door solution</li> <li>4. 5G module</li> <li>5. WDT AP/API</li> <li>6. Intel i3-1215UE / i7-1265UE, DC</li> </ol>

## Order Information

Item	Touch	Description
WLP-7H20-15 (MBKFT)	Full Flat Resistive Touch	15" i5-1245UE 3.3GHz,4GRAM,500G HDD Panel mount
WLP-7H20-15 (MBKPT)	Full Flat Pcap Touch	15" i5-1245UE 3.3GHz,4GRAM,500G HDD Panel mount

## I.O.(STD)

