

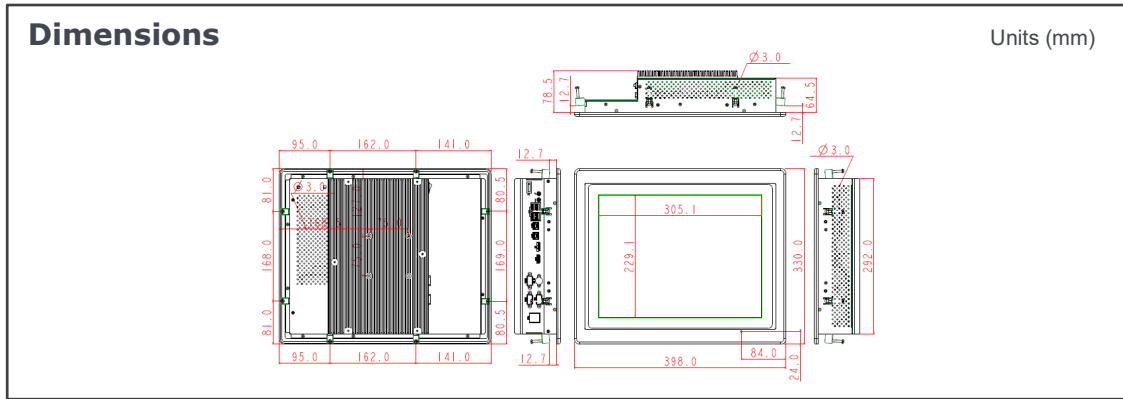


## Features

- Intel® 8<sup>th</sup> Generation Core i7/i5/i3 CPU
- 15" 1024x768 LCD 450nits
- Panel Mount w/Full Flat Res. or P-Cap Touch
- Full Flat Design Easy Clean & Front IP66
- Support Intel® vPro by Optional i7/i5 CPU
- CE, FCC, VCCI Class B Passed
- Optional WLAN with External Antenna

## Specification

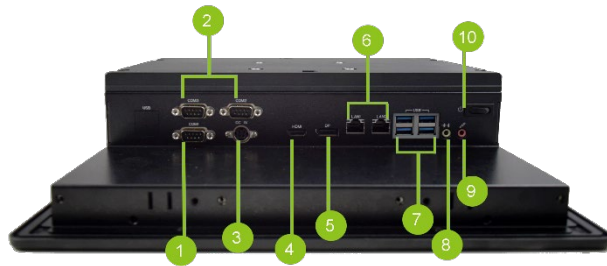
Product		WLP-7G20-15 MBKFT	WLP-7G20-15 MBKPT
Main System	CPU	Intel® 8th Gen Whiskey Lake-U Core™ i7/i5/i3 MCP Processor, 15W	
	Graphic	Intel® UHD Graphics 620	
	Memory	Dual channel support 2400MHz DDR4 SODIMM socket x 2, up to 32GB	
	OS Support	Win 10 (64 bit) / Win 11 (64 bit)	
Display	Size	15", 4:3	
	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 (Single Touch)	Full flat projected capacitive touch panel (Multi Touch)
	Light Transmission	80 ± 5%	>=86%
	Hardness	>=3H	>=7H
	Lifetime	35M times	100M times
Storage & Expansion	Storage	2.5" SATA HDD drive bay x 1 (with anti-vibration mechanism) Optional M.2 (KEY M, 2242/2260/2280) SSD X 1	
	Expansion	M.2 (Key E, 2230) for Wireless x 1, M.2 (Key B, 3042) with USB2.0 and SIM for 4G x 1	
I/O Ports	USB	USB 3.1 x 4	
	COM	RS-232 x 1, RS-232/422/485 x 2	
	LAN	RJ-45 x 2	
	Audio / Video	3.5mm phone jack connector x 2 (Line-out, Mic-in)/ HDMI 2.0a (output) x 1, DP x 1	
	Control Keys	Rear bottom: Power on /off	
Power	Power input	DC-In x 1 (Jack with locker), DC19~28V input	
	Power adapter	100 Watts, 100 ~240V AC in, 19V DC out, 5.26A (PSU with PSE)	
Environmental	Temperature	Operating Temperature: 0~50°C (19V DC, air flow cooling) Storage Temperature: -20~65°C	
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
	IP / IK resistance	IP66 at front / IK05	
Mechanical Characteristics	Housing	Front bezel is Aluminum, others are SECC with black coating	
	Dimensions (Net: mm)	398 (H) x 330 (V) x 86 (T)	
	Weights (Net: kg))	6.4 kg	
	Mounting	Panel mount, VESA (75x75)	
Certification	CE/ FCC/ VCCI Class B, Canada ICES-003		



Major Options	
Add On Parts	<ol style="list-style-type: none"> <li>1. Wireless and BT kit ,</li> <li>2. Stainless front bezel ,</li> <li>3. Silver front bezel,</li> <li>4. 2.5" SSD,</li> <li>5. TPM 2.0 or FTPM</li> </ol>
Add On Cable	<ol style="list-style-type: none"> <li>1. Maximum length is 7.2 meters by 3x2m DC cables</li> </ol>
Customization	<ol style="list-style-type: none"> <li>1. Storage door Solution</li> <li>2. Chassis type housing</li> <li>3. Open frame housing</li> <li>4. Sunlight readable by 1000 nit LCD + optical bonding (Impact protection level: IK08)</li> <li>5. M.2 NVMe SSD</li> <li>6. 2nd HDD for RAID 0,1</li> <li>7. 4G Wireless</li> </ol>

## Order Information

Item	Touch	Description
WLP-7G20-15 (MBKFT)	Full Flat Resistive Touch	15" Core i5-8365UE 1.6 Ghz/DDR4 4G RAM/ 500G HDD
WLP-7G20-15 (MBKPT)	Full Flat Pcap Touch	15" Core i5-8365UE 1.6 Ghz/DDR4 4G RAM/ 500G HDD



- 1 RS232/422/485 x 1
- 2 RS-232 x 2
- 3 DC-in x 1
- 4 HDMI x 1
- 5 DP x 1
- 6 LAN x 2
- 7 USB 3.1 x 4
- 8 Line-out
- 9 Microphone
- 10 Power on/off

