

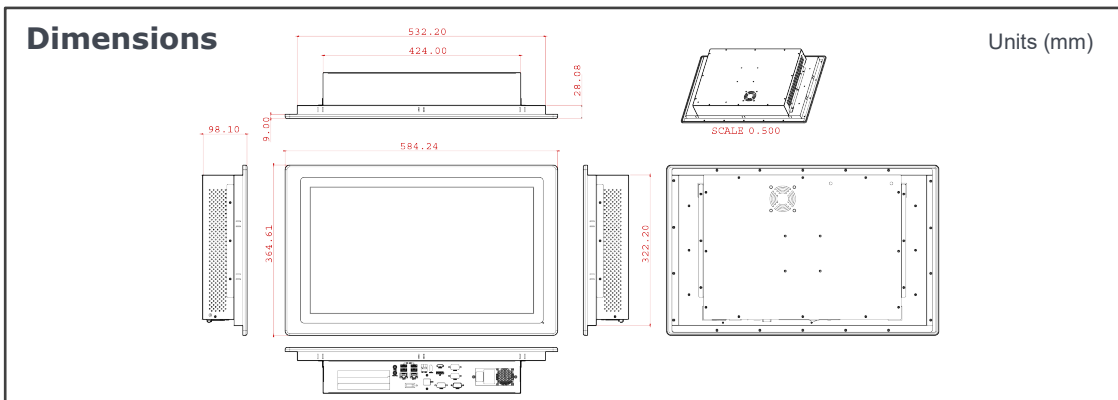


Features

- Intel® 12th / 13th / 14th Gen Core™ Processors, 65W
- 21.5" 1920x1080 LCD Panel
- Full Flat Res. or P-Cap Touch
- Fan Solution
- IP66 Front Panel Mount Housing
- Wide Range DC Input
- TPM2.0 (On Board IC)
- Optional WLAN with External Antenna
- CE, FCC, VCCI Class B Passed
- Adjust Brightness Function by Project

Specification

Product		WLPM-H22 MBKFT	WLPM-H22 MBKPT
Main System	CPU / Chipset	Intel® 12 th / 13 th / 14 th Gen Core™ Processors, 65W // Intel® W680	
	Graphic	Intel® UHD Graphics	
	Memory	Dual Channel DDR5 4800/5600 MHz ,up to 96GB (48GB per DIMM)	
	TPM	TPM2.0	
	OS Support	Optional Windows 10 (2019-LTSC) (64bit), Windows 11 (64bit)	
Display	Size	21.5" 16:9	
	Resolution (pixel)	1920 x 1080 (Full HD)	
	Number of Colors	16.7M colors	
	View Angle (H/V)	178(H) / 178(V)	
	Brightness(cd/m ² , nit)	250 nits	
	Contrast Ratio	1000:1 (Typ)	
Touch Panel	Type	Full flat resistive touch panel	Full flat projected capacitive touch panel
	Light Transmission	80 ± 5%	>=86%
	Hardness	>=3H	>=7H
	Lifetime	35M times	100M times
Storage & Expansion	Storage	1 x M.2 (Key M, 2242/2280) with PCIe Gen4 x4 for SSD 1 x M.2 (Key M, 2242) with PCIe Gen3 x4 and SATA3 for SSD	
	Expansion	1 x M.2 (Key B, 3042/3052) with PCIe x1, USB3.2 Gen I, USB2.0 and SIM for 4G/5G 1 x M.2 (Key E, 2230) with PCIe x1, USB2.0 and CNVi for Wireless 1X PCI-E x 16 expansion slot	
I/O Ports	USB	2 x USB 2.0, 4 x USB 3.2 Gen II	
	COM	2 x RS-232/422/485 (COM1, COM2), 1 x RS-232 (COM3)	
	LAN	1 x RJ-45 2.5 Gbps, 1 x RJ-45 1.0 Gbps (Support Vpro)	
	HDMI	1 x DP 1.4a++ ; 1 x HDMI 2.0b ,1 x HDMI 1.4b	
	Audio	2 x 3.5mm phone jack connector (Line-out, Mic-in)	
	Control Keys	Rear bottom: Power on /off	
Power	Power input	ATX PWR (24+8-pin)	
	Power adapter	Internal, 400 watts, AC input 115 ~230V, 47~63 Hz	
Environmental	Temperature	Operating Temperature: 0~50℃ (IEC60068-2-56, air flow cooling) Storage Temperature: -20~60℃	
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
	IP / IK Level	IP66 at front, IK05	
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 / VESA (75x75)	
Certification	FCC-B, CE (EMC), VCCI, ICES-003		



Major Options

Options	<ol style="list-style-type: none"> 1. Wireless and BT kit (2 ant) 2. Projected capacitive touch screen 3. Stainless front bezel 4. Windows 11 IoT Enterprise LTSC 5. Windows 10 IoT Enterprise LTSC 6. USB 2.0 X 2 7. Chassis type housing 8. 2.5" SSD 9. RTX-A4000 Ada/ A1000 Ada
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Order Information

Item	Touch	Description
WLPM-H22 (MBKFT)	Full Flat Resistive Touch	22" i5-14400 2.5GHz,8GRAM, M.2128G SSD Panel mount
WLPM-H22 (MBKPT)	Full Flat Pcap Touch	22" i5-14400 2.5GHz,8GRAM, M.2128G SSD Panel mount
WLPM-H22 (MBKFT)	Full Flat Resistive Touch	22" i7-14700 2.1GHz,8GRAM, M.2128G SSD Panel mount
WLPM-H22 (MBKPT)	Full Flat Pcap Touch	22" i7-14700 2.1GHz,8GRAM, M.2128G SSD Panel mount

I.O.(STD)

