



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

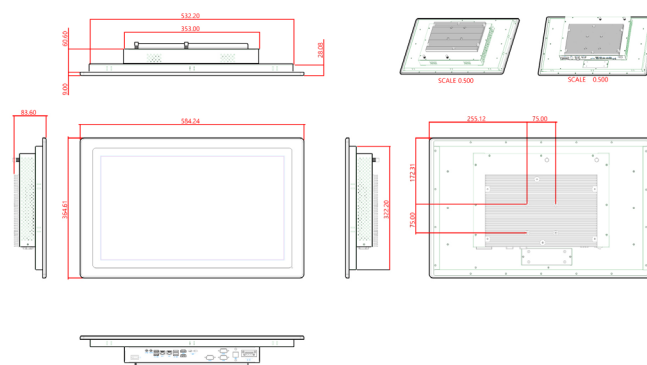
Specification

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 (LTSC, 64bit), Windows 11 (LTSC, 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/m², 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 PCIex1, USB3.2 Gen I, USB2.0 and SIM for 4G/5G 1 x M.2 (Key E, 2230) with PCIex1, 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 90 ~264V, 47~63 Hz	
	LED Indicator	Green: power on / off; Red: HDD status (Aluminum Bezel)	
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 / Cooling	IP66 at front, IK05, Fan	
Mechanical Characteristics	Housing	Front bezel is Aluminum, others are SECC with black coating	
	Dimensions (Net: mm)	584.2 x 364.6 x 98.1	
	Weights (Net: kg))	12 kg (Gross weight: 14 kg)	
	Mounting	Panel mount / VESA (75x75)	
Certification	FCC-B, CE (EMC), VCCI, ICES-003		

WLPM-H22 MBKFT/MBKPT

Industrial Panel PC

Dimensions



Units (mm)

Major Options

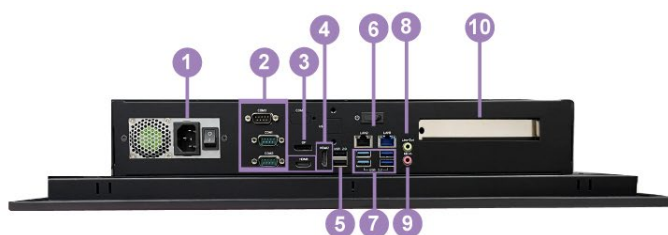
Options

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

Order Information

Item	Touch	Description
WLPM-H22 (MBKFT)	Full Flat Resistive Touch	22" i5-14400 2.5GHz,8GRAM, M.2 128G SSD Panel mount
WLPM-H22 (MBKPT)	Full Flat Pcap Touch	22" i5-14400 2.5GHz,8GRAM, M.2 128G SSD Panel mount
WLPM-H22 (MBKFT)	Full Flat Resistive Touch	22" i7-14700 2.1GHz,8GRAM, M.2 128G SSD Panel mount
WLPM-H22 (MBKPT)	Full Flat Pcap Touch	22" i7-14700 2.1GHz,8GRAM, M.2 128G SSD Panel mount

I.O.(STD)



- | | |
|----------------------------------|----------------------|
| 1 AC-in | 6 LAN x 2 |
| 2 COM x 3 | 7 USB 3.2 Gen II x 4 |
| 3 DP 1.4a x 1 | 8 Line-out |
| 4 HDMI 2.0b x 1
HDMI 1.4b x 1 | 9 Microphone-in |
| 5 USB2.0 x 2 | 10 PCI-E expansion |



Stainless front bezel (Option)