

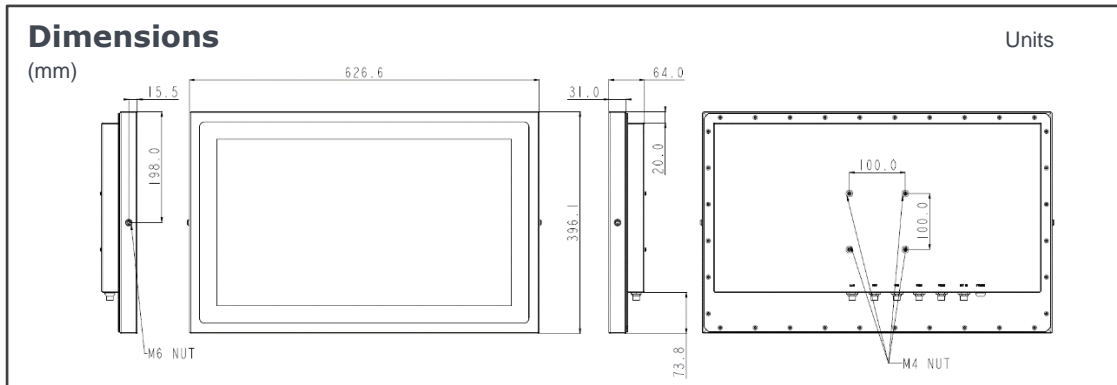


Features

- 23.8" Intel® 12th Gen Fanless Stainless Panel PC
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Support Intel® vPro Technology by CPU
- Optional IP67 M12 Stainless Connectors
- Optional Cable Gland for External I.O.
- Special Inspection of 100% Waterproof Guarantee
- CE, FCC, VCCI Class B Certified

Specification

| Model | | WTP-9H66-24 | |
|----------------------------|--|---|---|
| Main System | CPU / Graphic | Intel® 12th Gen Alder Lake-P MCP Processors, 15 W / Intel® Gen 12 Graphics | |
| | Memory | Dual Channel DDR4 3200 MHz ,2 x 260 SO-DIMM, up to 64GB | |
| | TPM | TPM2.0 | |
| | OS Support | Optional Windows 10 (64 bit) / Windows 11 (64 bit) | |
| Display | Size | 23.8" 16:9 | |
| | Resolution (pixel) | 1920 x 1080 (Full HD) | |
| | Number of Colors | 16.7M colors (RGB 6-bit + Hi FRC) | |
| | View Angle (H/V) | 178(H) / 178(H) | |
| | Brightness (nit) | 250 nits | |
| | Contrast Ratio | 3000:1 (Typ) | |
| Touch Panel | Type | Full flat projected capacitive touch | |
| | Light transmission | ≥85% | |
| | Hardness /Lifetime | ≥ 7H /100M times | |
| | Touch mode | Normal / Glove / Water mode | |
| 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 PCIe4 (Gen4) for SSD | |
| | Expansion | 1 x M.2 (Key B, 3042/3052) w/PCIex1, USB3.2, USB2.0 & SIM for 4G/5G 1 x 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 | Configuration | STD. (M12 Connector) | Cable Gland (Max. 5 external I/O by proper grommet) |
| | USB | 1 x M12 8pin for USB 2.0 1/2 1 x M12 8pin for USB 2.0 3/4 1 x USB 3.2 Gen2 (Type-C, Support DP1.4a display output, Power output 5V/3A) | 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 M12 8pin for COM 1 & COM2 (RS-232/422/485) | 2 x RS232/RS422/RS485 |
| | LAN | 1 x M12 8pin for LAN x 1 | 2 x RJ-45 (2.5Gigabit Ethernet) |
| | Audio | N.A. | 2 x 3.5mm phone jack connector (Line-out, and Mic-in) |
| | Video | N.A. | 2 x HDMI 2.0b, 2 x Type-C (Support DP1.4a display output, Power output 5V/3A) |
| | DC in | 1 x DC-In connector, DC 12~28V | |
| | Control Keys | Rear bottom: Power on /off; Side: Brightness Up / Down | |
| Power | Power adapter | AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68 | |
| | Power consumption | TBD W | |
| Environmental | Temperature | Operating Temperature 24V DC Input 0~40°C (IEC60068-2-56, air flow cooling, HDD) 24V DC Input 0~50°C (IEC60068-2-56, air flow cooling, SSD) Storage Temperature -20~60°C | |
| | Humidity | Operating & Storage: 10 ~ 90%, non-condensing | |
| | Water/Dust | IP66 / NEMA4X / IP69K | |
| Mechanical Characteristics | Housing | SUS304 stainless steel enclosure, chassis type | |
| | Dimensions (Net) | 62.6 x 396.1 x 64.0 (mm) | |
| | Weights (Net: kg) | 14.8 kg | |
| | Mounting | VESA 100*100, side mount (M6*2) | |
| Certification | CE (EMC) / FCC-B / VCCI Class B, Canada ICES-003 | | |



| Major Options | |
|---------------|---|
| Options | <ol style="list-style-type: none"> 1. Full flat PCT touch screen IP69K 2. IP67 3. 2.5" SSD 4. M.2 SSD (128G) 5. Wireless or Wireless and BT kit (easy clean and Robust Antenna) 6. 2 External LAN (USBx2, LANx2, COMx1) 7. Cable Gland External IO 8. SUS316 Enclosure 9. M12 (female) to M12 (male) DC power extension cable (2 meters length) 10. M12 (female) to stripped and tinned wires DC extension cable (1.2 meters length) 11. Barcode Reader (can't coexist with RFID) 12. RFID (can't coexist with Barcode reader) 13. Supports floor stand solution 14. 3W speaker (IP66) 15. Waterproof type C cable, cable length is 1 meter 16. Wall mount 17. Table mount bracket (For TypeC / RFID) 18. 2nd 2.5" Storage for RAID 0,1 |
| Accessory | <ol style="list-style-type: none"> 1. Waterproof USB cable, cable length is 2 meters 2. Waterproof LAN cable, cable length is 2 meters 3. Waterproof COM cable, cable length is 2 meters 4. DC input cable |
| Customization | <ol style="list-style-type: none"> 1. Sunlight readable optical bonding 2. Roof for UV protection and sunlight readable 3. 1000 nit high brightness LCD 4. COM + Power 5V or 12V 5. Intel i3-1215UE, DC, 3.3GHz 6. Intel i7-1265UE, DC, 3.5GHz 7. WDT AP/API 8. Stainless M12 connector |

Order Information

| Item | Cooling | Description |
|------------------|---------|--|
| WTP-9H66-24 (i5) | Fanless | 23.8" Core i5-1245UE 3.3 GHz / 4G RAM/ 512G SSD/ Full Flat P-cap touch |

I/O ports

