

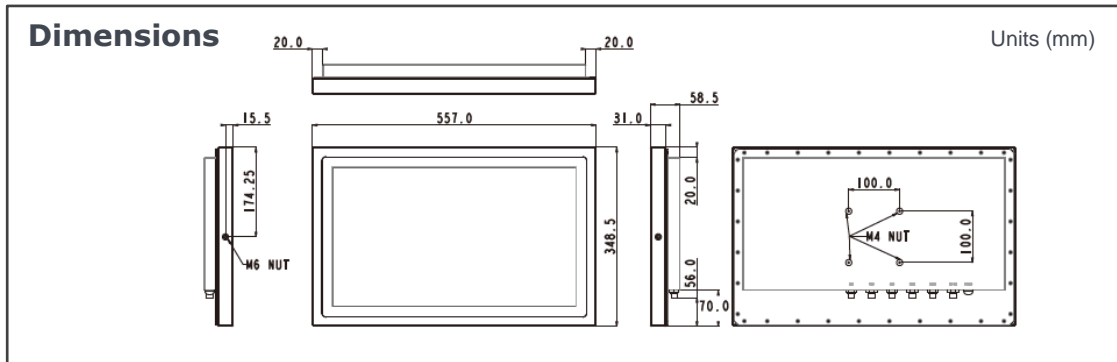


Features

- Intel® 12th Gen Alder Lake Fanless Stainless Panel PC
- 21.5" 1000nits Sunlight Readable LCD
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Wide Temp. -20~60°C Operation Capability
- Optional IP67 M12 Stainless Connectors
- Optional Floor Stand Solution
- 100% Waterproof Guarantee
- CE, FCC, VCCI Certified

Specification

| Model | | WTP-9H66-22W | |
|----------------------------|-----------------------|--|------------------------------|
| Main System | CPU | Intel® 12th Gen Alder Lake-P MCP Processors, 15 W | |
| | Graphic | Intel® Gen 12 Graphics | |
| | Memory | Dual Channel DDR4 3200 MHz ,2 x 260 SO-DIMM, up to 64GB | |
| | TPM | TPM2.0 (On Board IC) | |
| | OS Support | Optional Windows 10 (64 bit) / Windows 11 (64 bit) | |
| Display | Size | 21.5" 16:9 | |
| | Resolution (pixel) | 1920 x 1080 (Full HD) | |
| | Number of Colors | 16.7M colors (RGB 6-bit + Hi-FRC data) | |
| | View Angle (H/V) | 178(H) / 178(V) | |
| | Brightness (nit) | 250 nits | |
| | Contrast Ratio | 1000:1 | |
| Touch Panel | Type | Full flat resistive touch screen | Full flat P-Cap touch screen |
| | Light Transmission | 80 ± 5% | ≥ 86% |
| | Hardness/ Lifetime | ≥ 3H / 35M times | ≥ 7H / 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 PCIe1, USB3.2, USB2.0 and 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) | |
| | USB | 1 x M12 8pin for USB 2.0 1/2 1 x M12 8pin for USB 2.0 3/4 | |
| | COM | 2 x M12 8pin for COM 1 & COM2 (RS-232/422/485) | |
| | LAN | 1 x M12 8pin for LAN 1 | |
| | Audio | N.A. | |
| | Video | N.A. | |
| | DC in | 1 x DC-In connector, DC 12~28V | |
| | Control Keys | Rear bottom: Power on /off ; 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 -20~60°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:mm) | 557 x 348.5 x 58.5 | |
| | Weights (net: kg) | 12 kg | |
| | Mounting | VESA 100 x 100, side mount (M6 x 2) | |
| Certification | CE (EMC), FCC-B, VCCI | | |



Major Options

| | |
|---------------|---|
| Options | <ol style="list-style-type: none"> 1. Full flat PCT touch screen IP69K 2. IP67(STD M12 type) 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. 2nd storage for RAID 0,1 15. 3W Speaker (IP66) 16. Waterproof TypeC cable, cable length is 1 meter (male to male) 17. Wall mount 18. Table mount bracket (For TypeC / RFID) |
| 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-9H66-22W (i5) | Fanless | 21.5" Core i5-1245UE 3.3 GHz / 4G RAM/ 512G HDD/ Full Flat R-touch |
| WTP-9H66-22W (i5) | Fanless | 21.5" Core i5-1245UE 3.3 GHz / 4G RAM/ 512G HDD/ Full Flat P-cap touch |

I/O ports

