



Key Features

NEW

- Highest level of medical safety protection EMC 4.0/ Safety 3.1 certification ready
- Integrated hot-swappable batteries, 24/7 run-time
- Support Intel vPro technology by CPU
- M.2 type SATA SSD
- Support remote monitor / control / device update sw
- FHD capture card as option

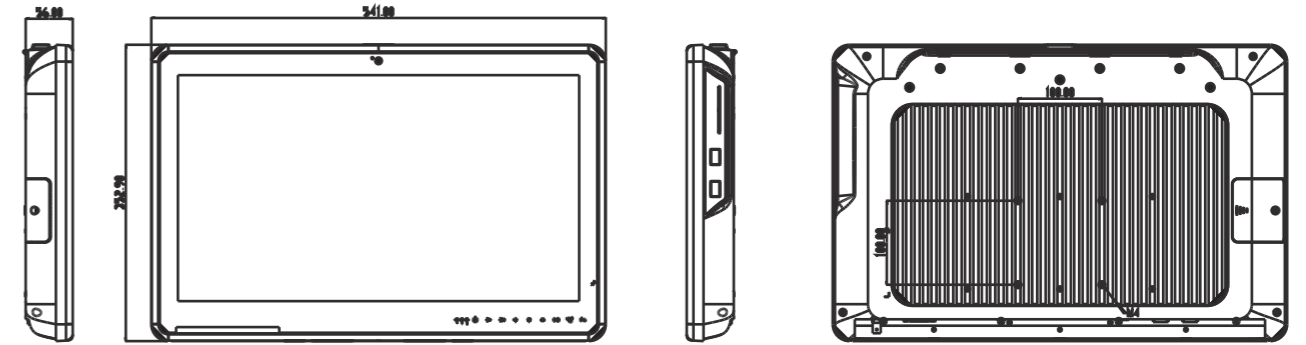


Kabylake

Isolation

Anti-bacteria

Outline Drawing



Main System

| | |
|----------------|--|
| CPU | Kabylake 7th generation Intel® Core i7/i5/i3/ Celeron processor (15W max.) |
| Chipset | SoC |
| VGA | Intel® integrated HD Graphics 620 by CPU |
| Memory | Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB |
| Speaker | 2 W x 2 |

LCD Panel

| | |
|----------------------|---------------------------------------|
| Size | Size: 21.5", wide 16:9, LED Backlight |
| Resolution | 1920 x 1080 (Full HD) |
| Color numbers | 16.7M colors (8 bits) |
| Viewing angle | 178 (H) / 178 (V), MVA type |
| Contrast | 3000:1 (Typ) |
| Brightness | 250 nits |

Touch Panel

| | |
|---------------------------|---|
| Type | Full flat projective capacitive touch panel |
| Light transmission | 90% ± 3% |
| Hardness | 7H pencil, pressure 750g/45° |
| Life time | 100M times |

* OS support (Multi point) : Win 10 IoT Enterprise

Storage & Expansion

| | |
|-----------------------|---|
| SSD | M2. Type SATA SSD 2260 interface x 1, up to 512G |
| 2nd storage | Optional 2.5" SATA HDD drive bay x 1 with doggy door, up to 1TB |
| Expansion slot | <ul style="list-style-type: none"> • PCI-E x 4 expansion slot x 1 (25W max.) • Card size: 112.5 mm (W) x 190mm (D) x 25mm (H) (without side USB ports) • Mini PCIe x 1 (52 pin card-edge type) • M.2 Type E Key x 1 |

I/O & Power & Control Keys

| | |
|--------------------------|---|
| USB | USB 3.0 x 4 |
| COM | RS232 x 1, RS232/422/485 x 1 (RS-485 auto flow support, Jumpless by BIOS) RI with 5V/12V |
| LAN | RJ-45 x 2, Gigabit |
| Video-out | DP x 2 |
| Audio | Line-out, Microphone-in (3.5 mm phone-jack) |
| Power input | DC-in x 1, DC 14~28V input (14V~28V with battery pack) |
| Power adaptor | AC input 90 ~ 264V / 47~63 Hz / DC output 18V, 100W |
| Power consumption | 93.8 W (MAX. loading without adapter) |
| Control keys | Power, audio volume, brightness, read light, display backlight, Clean me, programmable button |

Mechanical & Environmental

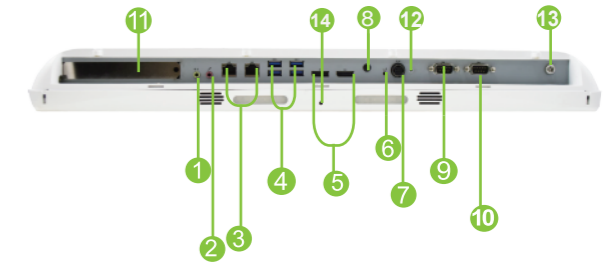
| | |
|---------------------|---|
| Housing | <ul style="list-style-type: none"> • Front: Full flat design / Touch (standard), • Rear: Plastic + I/O cover w/ antibacterial treatment • Anti-bacteria (MRSA) |
| Cooling | Fanless |
| IP rating | IP65 – front side |
| Dimension | 541 x 352.9 x 56 mm (W x H x D, w/o stand) |
| Weight (net) | 7.0Kg (approximate, w/o power adaptor) |
| Temperature | Operating : 0°C~35°C (chamber) Storage : -20°C~60°C |
| Humidity | Operating & storage – 10%~90%, non-condensing |
| Regulatory | <ul style="list-style-type: none"> • FCC/CE/VCCI Class B • cULus Mark/UL60601-1 • EN60601-1 approved / ISO 14971 / IEC-62133 • Energy star 6.1 compliance |

Options

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|--|
| Wireless or Wireless + BT kit |
| 5M pixel webcam module (USB) |
| 2.5"HDD or SSD module |
| Integrated hot-swappable batteries 81Wh x 3 (100W output max.) |
| Charger bank |
| Cable clean IO cover |
| Equipotential terminal pin |
| RFID (13.56MHz) |
| AG film |
| TPM v 2.0 module |
| FHD capture card |
| Smart card reader |
| Power adaptor w/ 2.4m or 3.6m DC cable |
| Power plug holder |
| WMP series stand, VESA 75/100 |

Customization

| |
|---|
| Tempered glass |
| 5V1A power Jack |
| USB 3.1 gen2 (USB 5,6), co-share with mini PCIe slot |
| 4KV Isolation: ISO COM x 2 + ISO LAN x 1 + ISO USB2.0 x 1 (need to take original COM x 2 and LAN x1 ports' space) |



- | | |
|---------------|------------------------------|
| ① Speaker | ⑧ Equipotential terminal pin |
| ② Microphone | ⑨ RS232/422/485 |
| ③ LAN x 2 | ⑩ RS232 |
| ④ USB 3.0 x 4 | ⑪ PCI-E expansion |
| ⑤ DP x 2 | ⑫ Fixing screw hole |
| ⑥ Reset | ⑬ 5VIA |
| ⑦ DC-in | ⑭ Built-in Microphone |

Ordering Information

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|-------------------|---------------|--|
| WMP-22G (i5) | 21.5" FANLESS | Core i5 / DDR4 4G RAM / 128G SSD / Full flat P.cap touch |
| WMP-22G (i7) | 21.5" FANLESS | Core i7 / DDR4 4G RAM / 128G SSD / Full flat P.cap touch |
| WMP-22G (i3) | 21.5" FANLESS | Core i3 / DDR4 4G RAM / 128G SSD / Full flat P.cap touch |
| WMP-22G (Celeron) | 21.5" FANLESS | Celeron / DDR4 4G RAM / 128G SSD / Full flat P.cap touch |



Hot-swappable batteries (Option)