

AIO 21M Medical Tablet

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Intel Core



Microsoft® Windows®



Antimicrobial



Rugged features



Capacitive Touch



Communications



Smart Card¹ & RFID¹ Reader modules



Hot-Swap

AIO 21M

A versatile Medical Computer for crucial Point-Of-Care applications.

The AIO 21M All-In-One PC integrates a 21.5" high contract capacitive touch screen, powerful and energy-efficient Intel® Core™ i-processor, hot-swappable batteries, and optional RFID and smart card readers in a stylish, compact and mountable design.

This VESA-mountable All-In-One computer with its anti-microbial coating is designed for medical and healthcare applications and provides a space saving mobile solution or a desktop when used with the detachable Desktop stand.

When mounted on a mobile medical workstation (Computer on Wheels/COWs or Workstation on Wheels/WOW) the AIO 21M has the additional benefit of eliminating the need to purchase costly medical cart batteries.

Built-in WiFi and Bluetooth connectivity makes data access easy and efficient, making it an ideal solution for health care professionals, helping to optimize workflow, monitor, record and retrieve patient information as well as other point-of care applications.

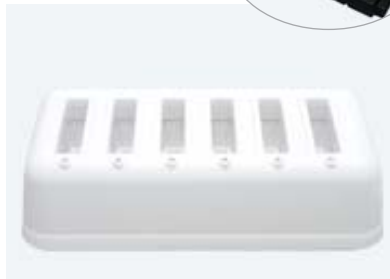
For more information, please contact
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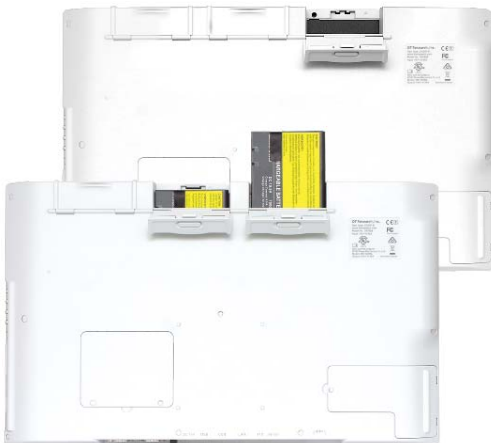


Desktop Stand²⁾ – Tilttable and VESA compliant mounting.



6-Bay Battery Charger²⁾

Individual battery slots x 3



Technical data

CPU

- Intel® Core™ i5-8250U, 1.6GHz (up to 3.4GHz)

MEMORY:

- 8GB / 16GB / 32GB DDR4

STORAGE MEMORY:

- 256GB / 512GB / 1TB SSD

DISPLAY

- 21.5" TFT-LCD
- 1920 x 1080
- Capacitive Touch
- High Contrast
- Up to 4K UHD resolution

OPERATING SYSTEMS

- Windows® 10 IoT Enterprise
- Ubuntu
- Linux

SWITCHES/BUTTONS

- Power button
- 4 Functional buttons

ENCLOSURE

- Antimicrobial enclosure
- ABS + PC plastics

ENVIRONMENTALS

- Fanless design
- IP65 (Front Panel)
- IPX2 (Enclosure)
- **Operational temp:** -0°C to 40°C
- **Storage temp:** -20°C to 60°C)
- **Humidity:** 0% – 90% non-condensing

CERTIFICATIONS

- UL60601-1
- EMC/EMI: FCC CFR Title 47 Part 18, EN 55011, EN 60601-1-2, EN 61000-3-2, EN 61000-3-3, AS/NZS CISPR 11
- RF: FCC Part 15C, FCC Part 15E, EN 300328, EN 301893, EN 301489-1, EN 301489-17, EN 62311, AS/NZS 4268
- Safety: UL (ANSI/AAMI ES60601-1), IEC 60601-1

AUDIO

- Audio Jack
- Built-In speaker

DIMENSIONS (LxHxW)

- 318 x 529 x 58 mm (12.5 x 20.8 x 2.3 inches)

WEIGHT

- 5kg / 11 lbs (no battery)
- 6.5 kg / 14.3 lbs (3 batteries)

VESA COMPLIANT

- 100 mm x 100 mm standard

COMMUNICATIONS

- Wi-Fi 802.11ac, 2.4GHz/5GHz Dual Band WLAN
- Bluetooth 4.2 LE
- Ethernet 10/ 100/ 1000MB (Base-T LAN)
- Dual HDMI video-out, up to 4K UHD resolution

TPM

- dTPM 1.2 and fTPM 2.0 (Trusted Platform Module)

BATTERY

- Built-in Hot-Swappable Li-ion; 90W, 8250mAh Battery Pack x 3

I/O-PORTS

- USB 3.0 x 4
- USB 2.0 x 2
- COM Ports x 4
- HDMI-out (1.4a) x 2
- Ethernet (RJ45)
- DC-In

MODULES

- **Smart Card Reader**¹: Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
- **RFID**¹: Integrated Dual Band, Single-sign-on authentication

POWER SUPPLY

- AC Adapter; Input: 100 – 240V AC Output: 19V DC, 6.31A

ACCESSORIES

- Medical Grade AC Adapter with the choice of UK, EU or North America power cord
- Hot-swappable Battery
- 6-Bay Gang Charger
- Desktop Stand, tilttable

WARRANTIES

- Tablet 2 years
- Battery 1 year
- Accessories 1 year

¹. Factory mounted option

². Accessory



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

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