



Avalue News October 2025

Avalue Showcases Comprehensive Mobile Nursing Workstation Solutions for the New Era of Smart Healthcare – HID-1540 & EPB-1001 Drive Smarter, More Mobile Patient Care

(Press Release - October 7, 2025) – In response to the growing demand for mobility, efficiency, and digital transformation in healthcare, Avalue Technology Inc. (TPEx: 3479.TWO), a global leader in industrial and medical computing, proudly introduces its comprehensive mobile nursing workstation solution. Anchored by the HID-1540 medical all-in-one panel PC and the EPB-1001 lightweight external power bank, this solution is designed to streamline nursing workflows, enhance clinical responsiveness, and enable real-time mobile healthcare services across hospitals and smart medical facilities.

Comprehensive Mobile Nursing Workstation Solutions
Drive Smarter, More Mobile Patient Care

HID-1540
15.6" Alder Lake Medical Panel PC

EPB-1001
Battery Expansion Power Bank

Hot-Swappable Medical Grade Mobility

The graphic shows a medical workstation with a large monitor displaying a patient interface, a keyboard, and a mouse. A circular inset highlights the HID-1540 panel PC. Another circular inset shows the EPB-1001 power bank. At the bottom, three icons represent the product's features: Hot-Swappable, Medical Grade, and Mobility.

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Mobile Nursing Workstations for the Smart Healthcare Era

The 15.6-inch HID-1540 medical-grade panel PC is purpose-built for clinical excellence. Featuring a slim, fanless design with anti-microbial coating and international medical safety certifications, it ensures hygiene and reliability in demanding medical environments. Acting as a mobile data hub, HID-1540 empowers healthcare professionals to access and update electronic medical records, manage medications, and conduct telemedicine consultations seamlessly.

Its high-performance CPU, multi-touch display, and wide I/O connectivity further enable integration with hospital systems and peripherals, making it a powerful tool for modern nursing stations. The HID-1540 features a full-flat front panel that is easy to clean with alcohol, and a P-Cap multi-touch screen that supports glove use, making it ideal for healthcare professionals working in critical environments.

Dual tri-color programmable LED light bars on both sides are IEC-60601-1-8 compliant and can be customized for different applications. They provide real-time visualization of vital signs data and trigger alarms, improving the accuracy and responsiveness of medical monitoring.

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Transforming Care with External Power Mobility

Complementing the HID-1540, the EPB-1001 lightweight external power bank transforms stationary medical panel PCs into fully mobile nursing stations. With dual hot-swappable batteries and selectable 12V/19V DC outputs, it ensures 6–12 hours of continuous power, eliminating downtime and outlet dependence.

Beyond healthcare, the EPB-1001 is also designed to penetrate telemedicine carts, laboratories, industrial automation, heavy manufacturing, and robotics markets, providing extended power and enhanced mobility for diverse scenarios.

Smart, Integrated Healthcare Ecosystem

The synergy of HID-1540 and EPB-1001 demonstrates Avalue's strength in delivering cost-effective, highly reliable smart healthcare solutions. With expertise in medical-grade hardware customization and compliance with stringent international certifications, Avalue has become a trusted partner for medical device manufacturers and healthcare providers worldwide.

With a complete ecosystem including medical panel PCs, external power solutions, telemedicine peripherals, and smart medication management, Avalue delivers fully integrated solutions that simplify maintenance, reduce total cost of ownership, and empower healthcare facilities to embrace the future of smart patient care.

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Main Features of HID-1540:

- Sleek light weight design
- 15.6" Full HD PCAP touch
- Socketed Intel® 12th Gen Alder Lake-PS Core™ i7/i5/i3 Processor
- 1 COM, 2 LAN, 1 USB 2.0, 3 USB 3.0, 1 USB Type C
- 1 x M.2 Key B 3042/3052/2280, 1 x M.2 Key E for WIFI, 1 x M.2 Key M for storage
- Programmable LED light bar on both sides
- Optional Webcam/ WIFI/ NFC
- CE/FCC/Medical UL
- IEC 60601-1-8 Compliance

Main Features of EPB-1001:

- Easy installation at rear side of panel PC for mobile purposes or can be used as UPS solution
- Supports 6 to 12 hours operation depending on system power consumption
- Compact size to fit in most of mainstream medical displays or panel PCs
- Dual hot-swappable batteries
- Optional VESA mounting bracket
- CE/FCC/Medical UL

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