Fanless medical computer features rich I/O connectivity and wireless support

ADLINK Technology announces the first of its new TOPAZ line of medical computers, the 3rd edition of EN-60601-1 certified TPZ-1300, featuring rich I/O connectivity, wireless support, and duty-specific performance processors with long life support. The TPZ-1300 delivers ruggedized reliability, making it ideal for mobile functionality in environments such as telemedicine, NIS (nursing information systems), and medical administration.

Perfect for medical deployment
The ADLINK TPZ-1300's customization for healthcare IT operations provides highly available functionality, with leading MTBF exceeding 250,000 hours for 24/7 operation. A fanless and cable-free structure ensures extended durability for long-term usage, easy-to-clean housing, and noiseless operation to satisfy stringent medical application requirements. An anti-bacterial coating option is also available.

Robust construction for portable effectiveness
The TPZ-1300 provides robust construction, withstanding up to 5G vibration and 100G shock, easily meeting the needs of telemedicine applications such as telecardiology, telepathology, and nursing workstation use. In a mobile nursing workstation, for example, care providers can view electronic medical records (EMR), medication data, and administrative documentation, as well as enter data and connect to data centers. ADLINK’s TPZ-1300, featuring superior I/O connectivity, wireless support, and a compact profile of 8.26” W x 6.69” D x 2.08” H (210 x 170 x 53 mm) supports flexible deployment in carts or other mobile medical setups,

greatly benefiting those requiring compact and reliable solutions.

Low power consumption and rich I/O
The TPZ-1300 is equipped with the Atom D2550/N2600 processor to deliver superior performance while conserving power consumption. The TPZ-1300 also provides abundant I/O function from six USB ports, 3 GbE ports, 4 COM ports, one mini PCI-E slot, and 4 digital inputs and outputs to optimize communication and control between multiple devices.

The TPZ-1300 also supports multiple OS, including Windows 7, Windows 7 Embedded, Windows XP, Windows XP Embedded, and WinCE 7.0.

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