

Touch Panel PC for Medical Equipment OEMs



At the Medica 2010 trade show in Dusseldorf, Germany, Kontron introduced the fanless Kontron Medi Client IIA, an extremely compact and long-term available Medical Panel PC with 10.4 inch or 15 inch touch screen. It is specifically designed as a human machine interface (HMI) for medical appliances or as an all-in-one workstation equipped with medical device interfaces. The cost efficient 1.6 GHz Intel Atom processor N270, enables the Medical Panel PC to achieve significantly higher performance and lower power consumption compared to the performance of previous processor versions. OEMs and system integrators will benefit from improved graphics performance and lower heat dissipation. Furthermore, with no rotating storage media, the fanless Kontron Medi Client IIA operates silently; ideal for surroundings close to patients. The Kontron Medical Panel PC Medi Client IIA combines a robust, cost-efficient housing with the high design quality of rugged, long-term available and reliable embedded hardware technology. The extremely durable yet lightweight plastic housing has IP65 protection on the front and is resistant to disinfectants and can be manufactured in customer-specific corporate designs. Thanks to the high quality hardware components, the EN60601-1 compliant Medical Panel PC is designed for continuous operation and has an MTBF of more than 40,000 hours. It is also insensitive to shock and vibration, and therefore suitable for mobile medical equipment. For medical equipment OEMs, the five year minimum long-term availability in identical configuration, support the product life cycles of connected medical devices such as MRT, CRT or 3d- ultrasound scanners and facilitates the servicing, maintenance, or replacement.

Source URL (retrieved on 01/29/2015 - 10:51pm):

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Published on Medical Design Technology (<http://www.mdtmag.com>)

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