Industrial Touch Monitor With Integrated Services

Advantech, a leading global manufacturer of embedded platform solutions, is releasing the ITM-5115, a 15" XGA Industrial LED monitor with fully flat resistive touchscreen.
This brand-new ITM-5115 product line provides customers with a complete selection of industrial grade display solutions. The basic ITM-5115R M is a stand-alone monitor display with VGA/DVI input interfaces; the ITM-5115 C series with an optional Box Computer in the rear is an all-in-one total solution; and the ITM-5115R L and P series allow quick and easy integration with Advantech pluggable Embedded Box Computers via a 36-pin LVDS input interface and 164-pin golden finger connections.

While most other industrial displays still use CCFL backlights, Advantech's ITM-5115 backlight panel takes advantage of the reduced power consumption and increased display brightness offered by LEDs. The highly efficient ITM-5115 LED backlight provides a bright display with a wide dimming range, yet realizes a 20 ~ 30% reduction in power. Specifically designed for industrial applications and harsh environments, the ITM-5115 supports operating temperatures from -20 to 60° C, exceeding industrial standards, and the flat-sealed front panel has IP54 dust and liquid protection. The absence of an inverter makes for highly reduced EMI emissions.

The ITM-5115 industrial monitor is both rugged and elegant, with the side frame rails tidily concealing a variety of peripheral connection cables. The fully flat front touch screen delivers a crisp viewing experience while allowing for easy cleaning. Panel, wall, desktop, and swing-arm VESA mounting are all supported, to accommodate a variety of application needs.

The touch screen, front bezel logo, and installation accessories can be fully customized, saving SI time and effort and shortening time-to-market. ITM-5115 is ideal for kiosk/POI use, HMI equipment controller monitor or other self-service equipment. For added flexibility, more Advantech Embedded Box IPCs designed to co-operate with the ITM-5115 will be available soon.

Last but not least, ITM-5115 is a complete product line that offers a variety of selections: standalone monitor, all-in-one computer, or even all-in-one computer

with choice of OS system. ITM-5115R M series (stand-alone monitor) and ITM-5115R C series (all-in-one Embedded Box IPC) are available now, and will be followed by ITM-5115R L series (LVDS interface) and ITM-5115R P series (Pluggable Embedded Box IPC) in 2011/Q3.

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