IP65-rated Panel PC family Serves Industrial Applications

Four new industrial-grade Panel PCs were introduced today by WinSystems. Available with 12-, 15-, 17- or 19-inch diagonal displays and touch screens, the PPC65 family of Panel PCs is powered by a fully integrated 1.6 GHz Intel Atom based single board computer (SBC) which offers a multitude of I/O connectivity options. The front bezels on these Panel PCs are environmentally sealed to comply with NEMA 4/IP65 specifications to prevent damaging moisture, dust, and dirt from getting into it. They are targeted for medical, utility, security, transportation, pipeline, industrial test/measurement and food processing applications that need tight system integration and minimal space requirements.

WinSystems' PPC65 family of Panel PCs has unique design features that allow each unit to meet and exceed industry standards for RF emissions, susceptibility, and shock/vibration. The PPC65s have been tested for electrical and electromagnetically induced or radiated interference that could possibly degrade its performance when electronic and electrical systems are in close proximity and confined spaces. They comply with IEC 61000 electrical Fast Transient, Surge, Drop in Power, Conducted Susceptibility, and Conducted Immunity tests. Also the PPC65 family of products is tested and compliant with FCC Part 15 B and CE EMC Directive 2004/108/EC. Additionally, they can withstand 1.0G vibration and 15Gs of shock.

The PPC65 products support operating systems such as Linux, Windows XPe, CE 6.0, WES7, and Windows 7. The SBC includes 2 GB of system memory with either or both an optional customer-installed SATA drive and CompactFlash SSD. I/O support includes a Gigabit Ethernet port, four USB 2.0, and two RS-232 serial channels. The system requires +12V dc but a version that accepts +24V to +48V dc is also

available.

WinSystems can also customize the Panel PC for OEM applications with a black chassis, custom art for the bezel, and preloaded operating system. A WinSystems factory application engineer will assist the designer with technical details and lead times.

PRICING AND AVAILABILITY
The PPC65-1210S-2G-0 is a unit with a silver bezel and 12.1-inch screen with a list price of $1395. Delivery is from stock to three weeks. WinSystems offers a 30-day product evaluation program. For sales information, list WinSystems Applications Engineering Group at 715 Stadium Drive, Arlington, Texas 76011, Phone: (817) 274-7553, FAX (817) 548-1358, e-mail info@winsystems.com [1].

Source URL (retrieved on *09/01/2014 - 8:31pm*):
http://www.wirelessdesignmag.com/product-releases/2011/07/ip65-rated-panel-pc-family-serves-industrial-applications?qt-most_popular=0

Links:
[1] mailto:info@winsystems.com