# 6.5-inch Panel PC Operates In Extended Temperature Applications

WinSystems' PPC3-G-6.5 is a 6.5-inch open frame, color flat panel PC based upon a PC-104-Plus single board computer (SBC) that operates from -20° to +70°C. The ready-to-mount flat panel display subsystem also includes a resistive touch screen integrated into a chassis approximately 2 inches thick. The open frame chassis (without a front bezel) permits flexible mounting of the system for OEMs and integrators with content-rich applications. The combination of embedded PC functionality, industrial-grade construction, small size, and wide operating temperature range makes the unit appropriate for medical, kiosks, transportation, instrumentation, industrial automation and control applications. This Panel PC consists of an outdoor-use, 6.5-inch diagonal color TFT flat panel display with a resolution of 640 x 480 pixels. It has a high luminance of 500 cd/m2 (nits) and uses two long life CCFL lamps which are user-replaceable. The display has a wide viewing angle for operator flexibility and a contrast ratio of 600:1. The screen has an anti-reflective coating to preserve readability in high ambient light. A PC/104-Plus SBC serves as the computing and display engine for the PPC3-G-6.5. It is an all-in-one processor module that contains the flat panel video controller, Ethernet port, two USB 2.0 ports, 4 COM channels, LPT, AC97 audio, 48 lines of digital I/O, and CompactFlash connector.

**WinSystems**
817-274-7553, www.winsystems.com [1]

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