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WinSystems EBC-C384 Single Board Computer

WinSystems introduced the EBC-C384 single board computer. The SBC features either the Intel Atom single core 1.66GHz N455 or dual core 1.80GHz D525 processor, ICH8M I/O hub controller, up to 4GB of DDR3 MHz SODIMM system memory, two SATA channels, two Gigabit Ethernet ports, eight USB 2.0 ports, four serial COM channels, PS/2 keyboard and mouse controller, LPT port and PATA interface. The single core N455 is priced at $529, and the dual core D525 is priced at $595. The WinSystems EBC-C384 is ideal for rugged embedded applications like military, medical, factory automation, transportation, smart grid, and security.

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This entry was posted in Boards, Busses and tagged Boards, Busses, EBC-C384, Embedded, Intel Atom, Single Board Computer, WinSystems on September 30, 2011 [http://www.embeddedstar.com/weblog/2011/09/30/intel-ebcc384-sbc/] by Admin.

WinSystems PPC65 Industrial-grade Panel PC Family

WinSystems announced the PPC65 family of industrial-grade Panel PCs. The PPC65 panel PC family feature 1.6 GHz Intel Atom based single board computer (SBC), 2 GB of system memory, Gigabit Ethernet port, four USB 2.0, two RS-232 serial channels, and optional SATA drive and CompactFlash SSD. The PPC65 family is available with 12-, 15-, 17- or 19-inch diagonal displays and touch screens. The PPC65-1210S-2G-0 panel PC with a silver bezel and 12.1-inch screen has a list price of $1395.

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WinSystems EPX-C380 Single Board Computer

WinSystems introduced the EPX-C380 single board computer. The EPX-C380-S SBC features the Intel 1.66 GHz Atom single core N450 processor. The EPX-C380-D features the dual core D510 processor. Both modules are EPIC-compatible. The WinSystems EPX-C380 includes the Intel ICH8M I/O hub controller, two Gigabit Ethernet ports, two SATA channels, eight USB 2.0 ports, four RS-232/422/485 asynchronous serial channels onboard, parallel port (48 lines of digital I/O), high definition audio (7.1 codec), LPT interface, real time clock, and a watchdog timer. The EPX-C380-S single board computer is priced at $695.

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WinSystems PCM-VDX-2-512 PC/104 Single Board Computer

WinSystems announced the PCM-VDX-2-512 PC/104 single board computer (SBC). The PCM-VDX-2-512 features two Ethernet, four USB 2.0, four asynchronous serial channels, and expansion connectors for both PC/104 and Mini PCI I/O cards. The WinSystems board measures 90mm x 96mm (3.6” x 3.8”), draws 5.5W, and operates from -40°C to +85°C without a fan. It is ideal for headless space- and power-limited systems in medical, communications, security, transportation, utilities, Mil/COTS, and industrial test/measurement applications. The PCM-VDX-2G-512 SBC is priced at $342 in OEM quantities.

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WinSystems PCM-MIO-G-AD-1 and PCM-MIO-G-DA-1 PC/104 Analog I/O Boards

WinSystems introduced the PCM-MIO-G-AD-1 and PCM-MIO-G-DA-1 PC/104-compatible analog I/O boards. The PCM-MIO-G-AD-1 is a 16-channel, 16-bit analog input card and the PCM-MIO-G-DA-1 is an 8-channel, 12-bit analog output card. PCM-MIO-G-AD-1 and PCM-MIO-G-DA-1 expansion boards are feature accurate analog and digital I/O over a -40° to +85°C temperature range. Both modules support 48-lines of digital I/O. Both WinSystems modules are supplied with free drivers for C, Linux, and Windows XP Embedded. The PCM-MIO-G-AD-1 list price is $249 and the PCM-MIO-G-DA-1 list price is $279.

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WinSystems PXM-MiniPCIe SUMIT-ISM Module

The WinSystems PXM-MiniPCIe is a SUMIT-ISM module. The board features PCI Express MiniCard and two expansion USB connectors. It supports 802.11 a/g wireless, WLAN, and other high-performance communication functions that have been developed for fixed and mobile computing environments. The PXM-MiniPCIe is RoHS-compliant and operates from -40° to +85°C. The PXM-MiniPCIe is priced at $125 in OEM quantities. Delivery is from stock to three weeks.

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WinSystems Extended Temperature PPC3-G-6.5 Panel PC

The PPC3-G-6.5, from WinSystems, is a 6.5” color flat panel PC based upon a PC/104-Plus single board computer (SBC). It operates from -20° to +70°C. The PPC3-G-6.5 is a compact, ready-to-mount flat panel display subsystem, It features an integrated resistive touch screen, open frame chassis, embedded PC

functionality, industrial-grade construction, small size, and wide operating temperature. The panel PC is ideal for medical, kiosks, transportation, instrumentation, industrial automation, and control applications. The PPC3-G-6.5-359-0 is priced at $795 in OEM quantities. Delivery is from stock to three weeks.

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