

3U CompactPCI Boards and Rack Family Satisfies Thermal Needs of Extreme Operating Environments

MEN Micro Inc. has introduced a rugged 3U CompactPCI (cPCI) family consisting of two single board computers (SBCs) and a rack that provide reliable performance in temperatures as extreme as -40°C and +85°C. In addition to the standard, convection-cooled F50P SBC, the line includes the conduction-cooled F50C that easily fits into the new conduction-cooled rack (Model # 0701-0054). The rack accommodates readily available, less costly 3U cards designed for ventilated systems, when mounted within conduction-cooled adapter frames. Both the F50P and F50C SBCs offer the choice of either powerful MPC8548 and MPC8543 PowerPC processors running at speeds up to 1.5 GHz as well as up to 2 MB of SDRAM, 2 MB non-volatile SRAM, 128 K non-volatile FRAM and up to 16 GB of Flash solid state disk storage.

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<http://www.wirelessdesignmag.com/product-releases/2009/05/3u-compactpci-boards-and-rack-family-satisfies-thermal-needs-extreme-operating-environments>