cPCI Processor Board with Intel Multi-core and 64-bit Technology

The Kontron CP6012 CompactPCI processor board is now available with the Intel CoreTM 2 Duo processor in addition to the Intel Core Duo processor. Renamed the Kontron CP6012^{64}, this board manages data throughput with server quality. It features a 4 MB L2 cache, an improved internal architecture and 64-bit Intel technology. Designed for bandwidth-intensive applications, the Kontron CP6012^{64} provides hot swap and Intelligent Platform Management Interface support, and is suited for the management of high-availability applications. The board is offered with the 2.16 GHz T7400 or the low-voltage 1.5 GHz L7400 processor, and it is designed with the latest interface technologies such as: PCI-Express, up to 4 GByte/400 MHz DDR2 SODIMM of main storage (6.4 GByte/sec throughput), 4 GBit-Ethernet, 2 x SATA interfaces, and a maximum of 4 x USB 2.0, 2 x COM and VGA, and rear I/O-support. The high performance requirements of communications applications are handled optimally by means of the 4-GBit Ethernet interfaces (two for the backplane/two on the front) connected via PCI Express. One of the two available SATA ports can be used for an onboard 2.5“ SATA hard drive, with the additional support for an available CompactFlash socket completes the feature set. There is room for customized expansions on an XMC (via PCI-Express) or alternatively a PMC-slot for mezzanine cards.

Kontron
888-294-4558, www.kontron.com [1]

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