

» EZ3-ITC «



Turnkey x86 3U cPCI Platform

- » 1,5 GHz Intel® Core™2 Duo SBC
- » Air-Cooled Laboratory Environment
- » Pre-Installed Linux
- » Slots for Extensions
- » Ideal for Software Development targeting Conduction-Cooled ITC-320

3U cPCI Turnkey System

Kontron EZ3-ITC Evaluation and Development system is designed to make the first contact with the ITC-320 family as easy as possible.

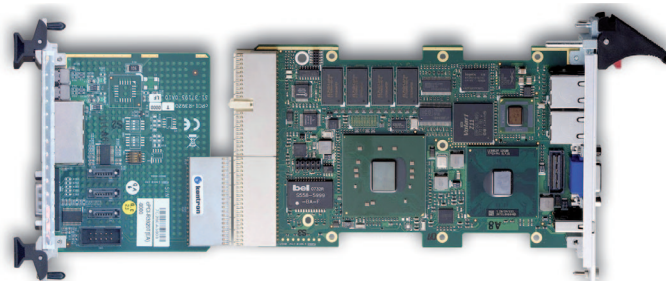
This small air cooled 3U cPCI rack is fitted with a Kontron ITC-320 single board computer and its rear transition module. The Intel® Core™ 2 Duo SBC offers 1 GB of main memory and runs at 1.5 GHz.

The SBC is delivered in its 8HP format offering easy access to extra serial lines and USB ports, along with a SATA HDD socket.

Software Included

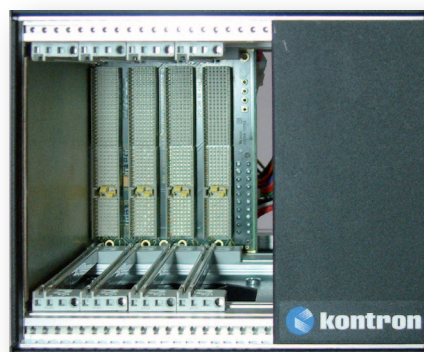
EZ3-ITC-00-L system is delivered with a SATA HDD preloaded with a complete Fedora Linux distribution augmented with the ITC-320 board support package. This board support package is also available in source code form and covers the following features

- » Control GPIO lanes on backplane
- » Host bridge watchdog management
- » Temperature sensors (standard "sensors" Linux support)
- » Board VPD (Vital Product Data) information
- » R/W and DMA to PCIe backplane library



Generic cPCI Baseline

The cPCI Backplane offers 4 slots, all equipped with RTM connectors. Power is supplied to 3.3V and 5V cPCI rails.



Technical Information

CPU	Intel® Core™ 2 Duo (L7400) @ 1.5 GHz, 4 MB L2 - 1 GB DDR2 - 400 SDRAM with ECC
Storage	SATA HDD of 80 GB or more
Connectivity (Front)	USB 2.0 port, VGA connector, PS2 Keyboard/Mouse Connector, 2 GETH ports, COM3/COM4 serial ports
Connectivity (Rear)	Faceplate: 2 GETH (or at the front, BIOS configurable), 1 USB 2.0 ports, 1 Serial ports (COM1) On-board connectors: 3 SATA, 1 Serial
Operating Temperature	0° to 35° C
Size	300 (L) x 185 (l) x 195 (h)
Power	200 Watts

Ordering Information

Article	Part.-No.	Description
EZ3-ITC	EZ3-ITC-00-L	Air-Cooled Commercial Build 3U cPCI Systems with Intel Core2 Duo SBC (Linux)

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