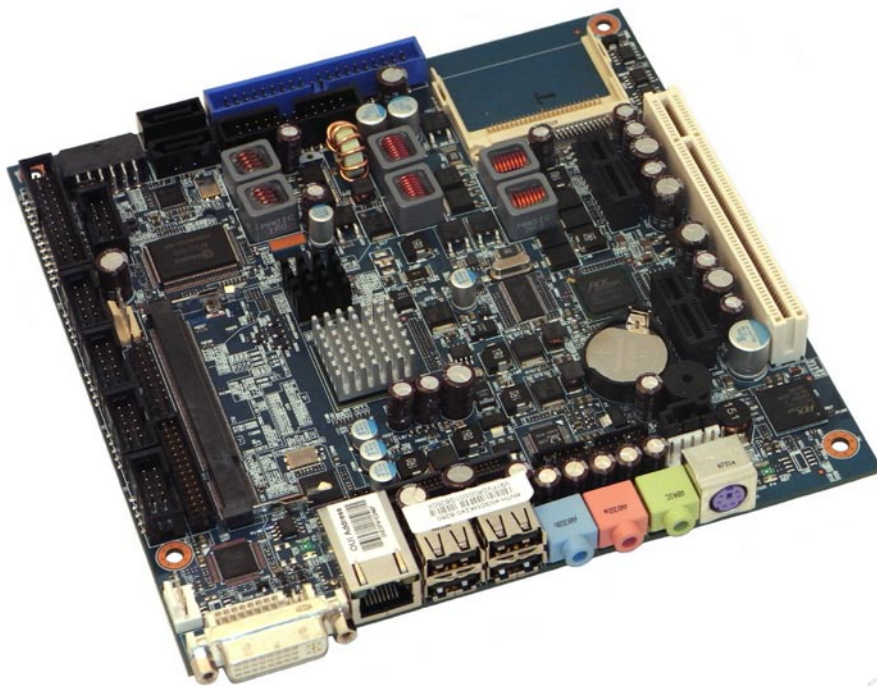


» KTUS15/mITX «



Intel® US15 Embedded Chipset, Intel® Atom™ processor 1.1 and 1.6 GHz BGA CPU, Passive Cooling

- » Long-term availability & Ultra Low Power, only 2.3 W TDP
- » 2x PCI-Express + 2x SDIO, CF, 1x PCI slot optional
- » Flat Panel Display Support, incl. dual independent display
- » 1x 10/100/1000 Mbps Ethernet Intel® based
- » HD Audio, 8x USB2.0 and up to 4x Serial port
- » Wide range DC/DC Power Input

KTUS15/mITX

Intel® US15 Embedded Chipset, Intel® Atom™ processor 1.1 and 1.6 GHz BGA CPU, Passive Cooling

Technical Information

Processor	Intel® Atom™ BGA CPU 1,1 GHz (Z510) and 1,6 GHz (Z530)
Chipset	Intel® US15 Embedded Chipset
	Front Side Bus 400/533 MHz
Bus	1x PCI connector (Both 1,6 GHz versions and 1.1 std. version)
	2x PCI Express 1x
DRAM	1x DDR2 socket (200pins SO-DIMM) up to 2 GByte
Graphics	Intel® GMA 500 Controller with 2D/3D Graphics Engine
	Dual Pipe for dual independent displays (incl. 2x LCD)
	HW assisted DVD/MPEG2 Decoding
Graphic Interfaces	On board CRT, on board Single Channel LVDS, DVI (Optional), Resolution Up to: CRT 1280x1024, LVDS 1366x768
HDD	1x ATA100 (2.54 mm connector) and 2x Serial ATA150/300 (Optional)
Compact Flash	Compact Flash PATA
Parallel/Serail Port	Bi-directional Centronics (internal pin connector), Up to 4x RS232C serial ports (See ordering informations)
TPM	TPM (Trusted Platform Module) available on 1.6 Plus, available on other models via module
USB	8x USB 2.0 (4x internal and 4x external)
Ethernet	1x 10/100/1000 Bbps Ethernet Controller
Keyboard/Mouse	Standard PS/2 mouse and keyboard (Split cable)
Sound	HD Audio and AC97 compliant
Monitoring API/DMI	Software interface to monitor hardware values including HDD S.M.A.R.T.
Operating Temp.	0 - 60°C*
Safety compliance	UL609501-1:2003, First edition
	CSA C22.2 No. 60950-1-03, First edition, April 1. 2003
Environmental compliance	RoHS and Lead-free production
Dimensions	Mini-ITX, 170 mm x 170 mm (6.7" x 6.7")
Power Supply	Wide Range 5-25V
Introduction Date	March 2009

(* see manual for details)

Ordering Information

Article	Part.-No.	Description
KTUS15/mITX 1.1GHz Basic	810291-4500	Intel® Atom™ BGA CPU 1,1 GHz (no HT), 1x Gb LAN, no PCI, no SATA, no TPM, 2x COM, DVI
KTUS15/mITX 1.1GHz Std	810293-4500	Intel® Atom™ BGA CPU 1,1 GHz (no HT), 1x Gb LAN, PCI, SATA, no TPM, 4x COM, CRT
KTUS15/mITX 1.6GHz Std	810290-4500	Intel® Atom™ BGA CPU 1,6 GHz (HT), w. PCI, 1x Gb LAN, 2x COM, SATA, no TPM, CRT
KTUS15/mITX 1.6GHz Plus	810292-4500	Intel® Atom™ BGA CPU 1,6 GHz (HT), PCI, 1x Gb LAN, 4x COM, SATA, TPM, DVI

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
info@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building,Block #1,ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn

