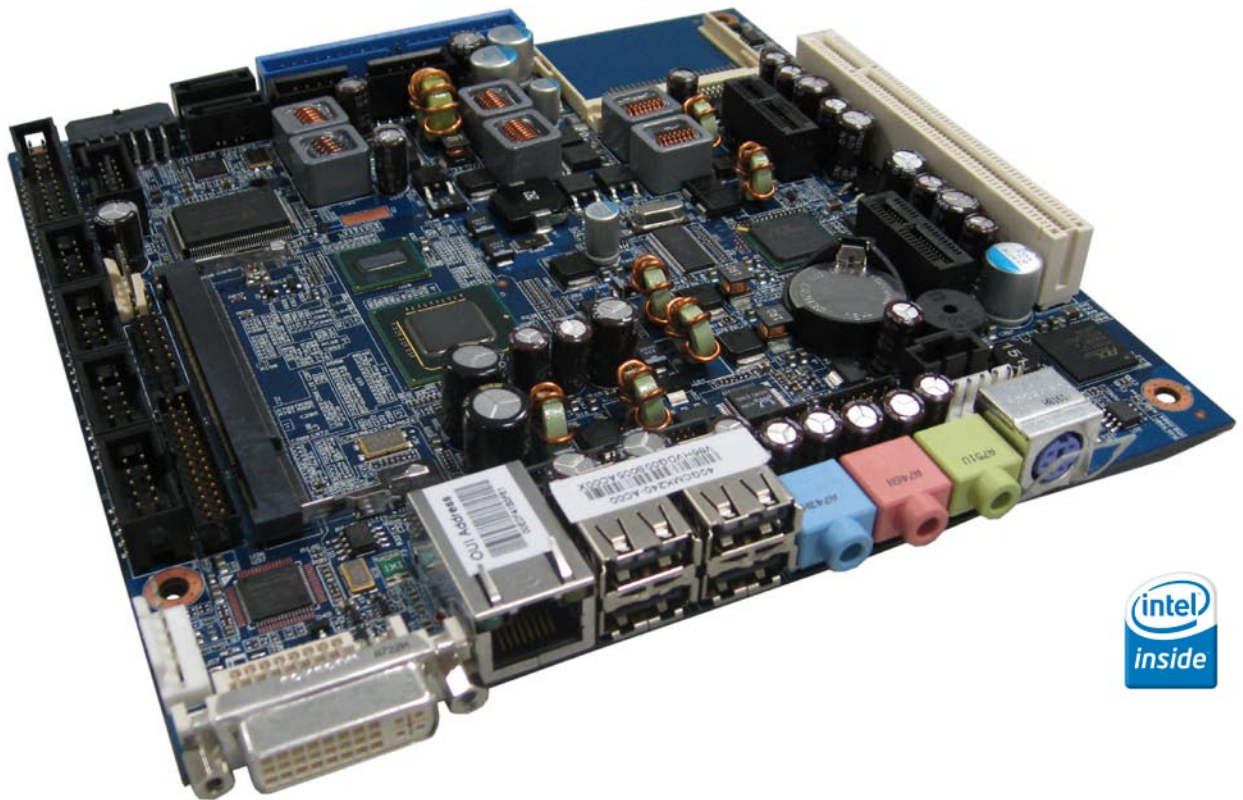


▶ **KTUS15/mITX**

Intel® Atom™ processor based Embedded Mini-ITX
BGA CPU 1,1 GHz and 1,6 GHz Ultra Low Power
Only 2,3 W TDP, CF, 2x PCIe and SDIO Onboard



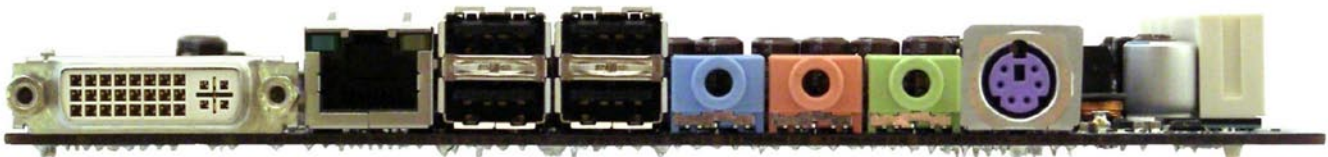
- ▶ Intel® Atom™ processor BGA CPU 1,1 and 1,6 GHz, 2,3 W, Passive Cooling
- ▶ Long-term availability & Ultra Low Power
- ▶ Intel® US15 Embedded Chipset
- ▶ 2x PCI-Express + 2x SDIO, 1x PCI slot optional
- ▶ Flat Panel Display Support, incl. dual independent display
- ▶ 1x 10/100/1000 Mbps Ethernet Intel® based
- ▶ HD Audio, 8x USB2.0 and up to 4x Serial port
- ▶ Wide range DC/DC Power Input

► Technical Data

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
BIOS	AMI®
Power Management	ACPI 3.0
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
Resolution	Up to: CRT 1280x1024, LVDS 1366x768
Graphic Interfaces	On board CRT, on board Single Channel LVDS, DVI (Optional)
HDD	1x ATA100 (2.54 mm connector) and 2x Serial ATA150/300 (Optional)
Compact Flash	Compact Flash PATA
Parallel Port	Bi-directional Centronics w. SPP, ECP or EPP mode (internal pin connector)
Serial Port	Up to 4x RS232C serial ports (See ordering informations)

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
Hardware Monitoring	Temperature, fan and voltages
Monitoring API/DMI	Software interface to monitor hardware values including HDD S.M.A.R.T.
Battery	On board Lithium battery and external battery input
Operating Temp.	0-60°C
EMC/ESD compliance	Compliance with EN55022 and EN61000-4-2 (ESD)
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	December 2008

► Rear IO



► 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 1.6GHz Std	810290-4500	Intel® Atom™ BGA CPU 1,6 GHz (HT), w. PCI, 1x Gb LAN, 2x COM, SATA, 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
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

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