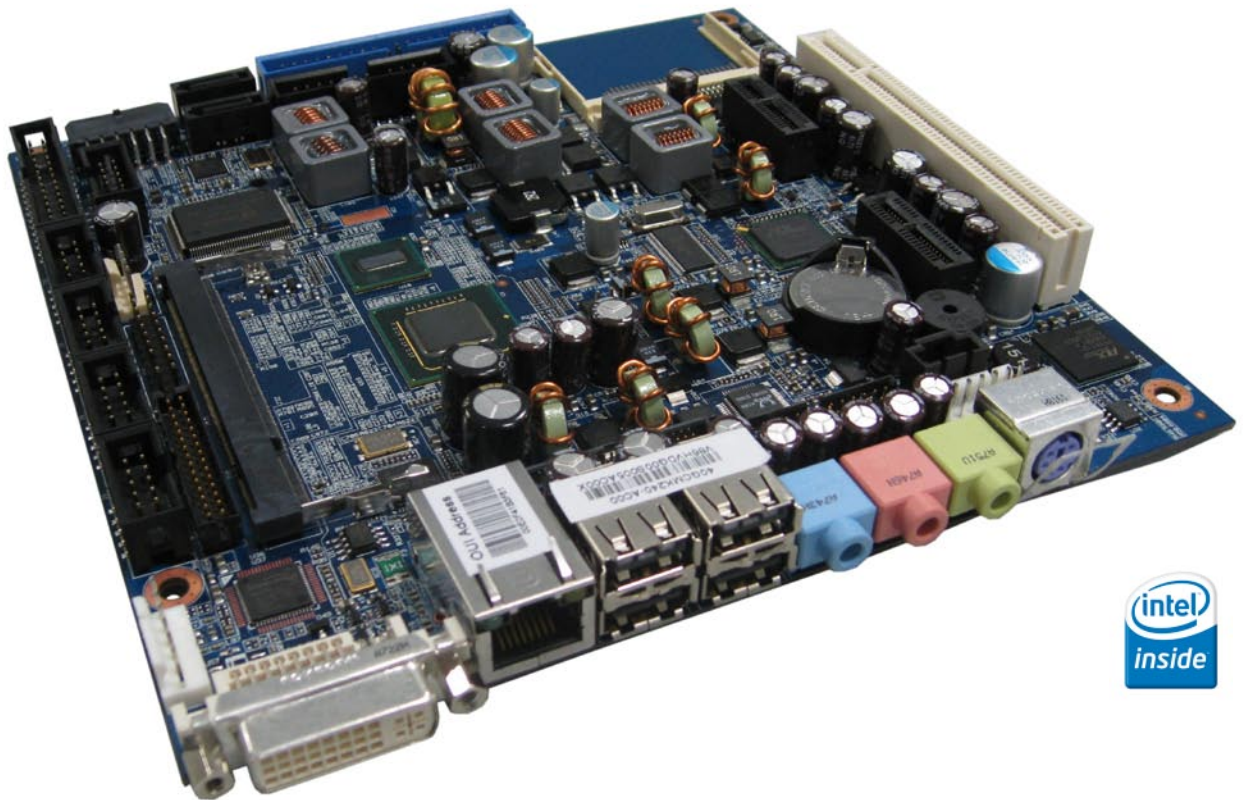


# ➤ **KTUS15/mITX**

Intel® Atom™ processor based Embedded Mini-ITX  
BGA CPU 1,1 GHz and 1,6 GHz Ultra Low Power  
Only 2,3 W TDP & TPM 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, 1x PCI slot + 2x SDIO
- Flat Panel Display Support, incl. dual independent display
- 1x 10/100/1000 Mbps Ethernet Intel® based
- HD Audio, 8x USB2.0 and 4x Serial port
- Wide range DC/DC Power Input

## ► Technical Data

<b>Processor</b>	Intel® Atom™ BGA CPU 1,1 and 1,6 GHz
<b>Chipset</b>	Intel® US15 Embedded Chipset Front Side Bus 400/533 MHz
<b>BIOS</b>	AMI®
<b>Power Management</b>	ACPI 3.0
<b>Bus</b>	1x PCI connector (1,6 GHz version) 2x PCI Express 1x
<b>DRAM</b>	1x DDR2 socket (200pins SO-DIMM) up to 2 GByte
<b>Graphics</b>	Intel® GMA 500 Controller with 2D/3D Graphics Engine Dual Pipe for dual independent displays (incl. 2x LCD) HW assisted DVD/MPEG2 Decoding
<b>Resolution</b>	Up to: CRT 1280x1024, LVDS 1366x768
<b>Graphic Interfaces</b>	On board CRT, on board Dual Channel LVDS, DVI (Optional)
<b>HDD</b>	2x Serial ATA150/300 and 1x ATA100 (2.54 mm connector)
<b>Compact Flash</b>	Compact Flash PATA
<b>Parallel Port</b>	Bi-directional Centronics w. SPP, ECP or EPP mode, shared floppy drive option (internal pin connector)

<b>Serial Port</b>	2x / 4x RS232C serial ports
<b>USB</b>	8x USB 2.0 (4x internal and 4x external)
<b>Ethernet</b>	1x 10/100/1000 Bbps Ethernet Controller
<b>Keyboard/Mouse</b>	Standard PS/2 keyboard
<b>Sound</b>	HD Audio and AC97 compliant
<b>Hardware Monitoring</b>	Temperature, fan and voltages
<b>Monitoring API/DMI</b>	Software interface to monitor hardware values including HDD S.M.A.R.T.
<b>Battery</b>	On board Lithium battery and external battery input
<b>Operating Temp.</b>	0-60°C
<b>EMC/ESD compliance</b>	Compliance with EN55022 and EN61000-4-2 (ESD)
<b>Safety compliance</b>	UL609501-1:2003, First edition CSA C22.2 No. 60950-1-03, First edition, April 1. 2003
<b>Environmental compliance</b>	RoHS and Lead-free production
<b>Dimensions</b>	mini-ITX, 170 mm x 170 mm (6.7" x 6.7")
<b>Power Supply</b>	Wide Range 5-25V

## ► Ordering Information

Article	Part.-No.	Description
KTUS15/mITX - 1,1	810290-4500	Intel® Atom™ BGA CPU 1,1 GHz, 1x Gb LAN, no HT, no PCI, no SATA, no TPM
KTUS15/mITX - 1,6	810291-4500	Intel® Atom™ BGA CPU 1,6 GHz, w. 1x PCI, 1x Gb LAN



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