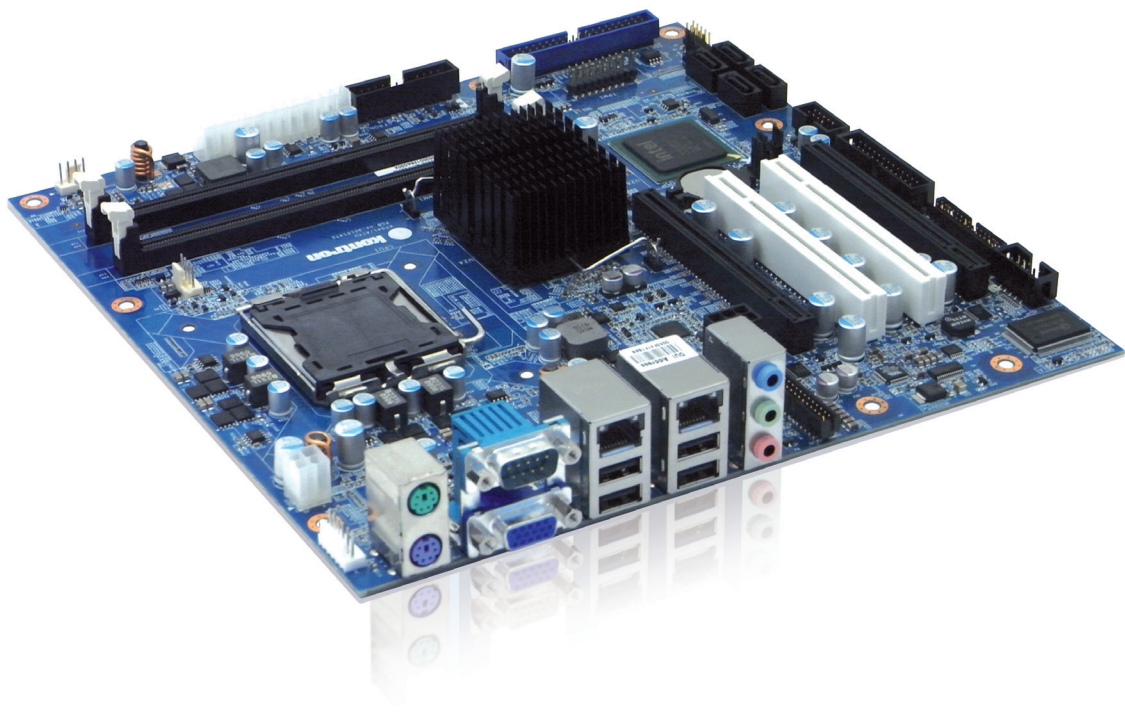


## » KTG41 Family «



Intel® G41 + ICH7R Chipset,  
Intel® Core™ 2 Quad desktop processor support

- » 3 years of availability
- » Intel® GMA X4500 graphics, PCI-Express 16x 1.0
- » Flat panel support via ADD2-cards (DVI & LVDS), Display Port optional
- » 2 x Marvell 88E8071 Gigabit Ethernet
- » Up to 4 GB DDR3, 2 pcs. DIMM 240 pin
- » 4x SATA150/SATA300 w. RAID 0/1/5/10, HD Audio, 8x USB 2.0

## Technical Information

<b>Processor</b>	Intel® Core™2 Duo & Intel® Core™2 Quad incl. E8400 & Q9650 desktop CPU
<b>Chipset</b>	Intel® G41 + ICH7R
<b>Front Side Bus</b>	800/1066/1333 MHz
<b>BIOS</b>	AMI® in 8MB flash
<b>Power Management</b>	ACPI 3.0, ACPI 2.0 and APM 1.2
<b>Bus</b>	5x PCI (KTG41/ATX), 2x PCI (KTG41/ATXU) 1x PCI-Express 16x / SDVO for external graphics card or ADD2 cards 1x PCI-Express 4x in 16x slot
<b>DRAM</b>	2x DIMM-240 for up to 4 GB DDR3
<b>Graphics</b>	Intel® GMA X4500 graphics.
<b>Resolution</b>	Up to: CRT 2048x1536
<b>Graphic Interfaces</b>	CRT output and SDVO digital output for DVI, LVDS & HDMI, Display Port optional
<b>HDD</b>	4x SATA150/SATA300 w. RAID 0/1/5/10 support.
<b>Parallel Port</b>	Parallel Port with SPP, ECP or EPP mode, via internal connector
<b>Serial Port</b>	2x RS232C serial ports with FIFO
<b>USB</b>	8x port USB 2.0 (4x internal and 4x external)
<b>Ethernet</b>	2 x Gigabit Ethernet
<b>Keyboard/Mouse</b>	Standard PS/2 mouse and keyboard (internal connection available)
<b>Sound</b>	7.1 channel HD audio
<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>Power Supply</b>	ATX
<b>Operating Temp.</b>	0 - 55°C*
<b>EMC/ESD compliance</b>	Compliance with EN55022 / FCC Class-B 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>	ATX, 30,48 cm x 24,38 cm (12,0" x 9,6") ATXU, 24,38 cm x 24,38 cm (9,6" x 9,6")
<b>Introduction date</b>	KTG41/ATXU May-2009 KTG41/ATX TBD

(\* see manual for details)

## Ordering Information

Article	Order-No.	Description
KTG41/ATXU	810310-4500	KTG41/ATXU, 2x Marvell 88E8071 GB Lan and 2x PCI
KTG41/ATX	810320-4500	KTG41/ATX, 2x Marvell 88E8071 GB Lan and 5x PCI

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