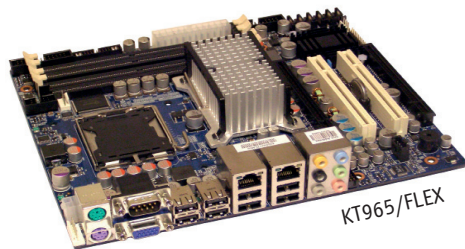
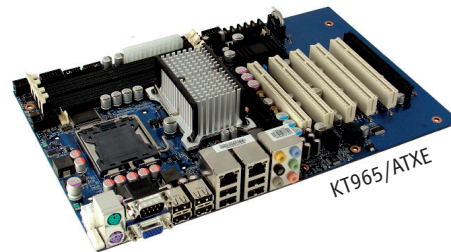
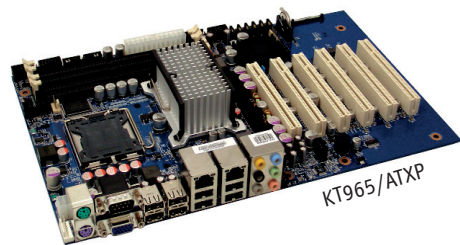


## » KT965 Family «



### Intel® Q965 & ICH8D0 embedded chipset Intel® Core™2 Quad desktop processor support

- » Long term available embedded ATX motherboard
- » Intel® Extreme Graphics Generation 4.0, 1x PCI-Express 16x
- » Flat panel support via ADD2-cards (DVI, LVDS & HDMI)
- » 2x 10/100/1000 Mbps Ethernet
- » Up to 8 GB DDR2
- » 6x SATA150/SATA300 w. RAID 0/1/5/10, HD Audio, 10x USB 2.0

## Technical Information

<b>Processor</b>	Pentium® 4 600 sequence Core™ 2 Duo ,Intel® Core™ 2 Extreme, Intel® Core™ 2 Quad Desktop Socket LGA775 FSB 533/800/1066
<b>Chipset</b>	Intel® Q965 & Intel® ICH8D0
<b>Bus</b>	6x PCI (KT965/ATXP), 5x PCI (KT965/ATXE), 2x PCI (KT965/FLEX) 1x PCI Express® 16x / SDVO for external graphics card or ADD2 cards 1x PCI Express® 4x in 16x slot (KT965/ATXE & KT965/FLEX) 1x mini PCI Express® (KT965/ATXP)
<b>DRAM</b>	4x DIMM-240 for up to 8 GB DDR2/800
<b>Graphics</b>	400 MHz / 1.6 GP/s pixel rate 2D/3D graphics engine
<b>Resolution</b>	Up to 2048 x 1536
<b>Graphic Interfaces</b>	CRT output and SDVO digital output
<b>HDD</b>	6x SATA150/SATA300 w. RAID 0/1/5/10 support
<b>Parallel/Serial Port</b>	Parallel Port with via internal connector, 2x RS232C serial ports with FIFO
<b>USB</b>	10x USB 2.0 (8 external, 2 internal)
<b>Ethernet</b>	2x 10/100/1000 Mbps Ethernet Controller, Realtek RTL8111B
<b>Keyboard/Mouse</b>	Keyboard / mouse + internal connector
<b>Sound</b>	7.1 channel HD audio
<b>GPIO</b>	8 GPIO, 3.3V
<b>Monitoring API/DMI</b>	Software interface to monitor and set hardware values including HDD S.M.A.R.T
<b>Operating Temp.</b>	0°C to 50°C*
<b>Dimensions</b>	ATX, 30,48 cm x 19,05 cm (12,0" x 7,5") FLEX-ATX, 190.5 mm x 228.6 mm (7.5" x 9")

## Ordering Information

Article	Part No.	Description
<b>KT965/ATXP</b>	810260-4500	Core™2 Duo / Core™ 2 Quad desktop Embedded ATX w. 2x GB LAN, PCI Express® 16x, 6x PCI
<b>KT965/ATXE</b>	810270-4500	Core™2 Duo / Core™ 2 Quad desktop Embedded ATX w. 2x GB LAN, PCI Express® 16x, PCI-Express 4x, 5x PCI
<b>KT965/FLEX</b>	810250-4500	Core™2 Duo desktop Embedded FLEX-ATX w. 2x GB LAN, PCI Express® 16x, PCIExpress 4x, 2x PCI

## CORPORATE OFFICES

**Europe, Middle East & Africa**

Lise-Meitner-Str. 3-5  
86156 Augsburg  
Germany

Tel.: +49 (0) 821 4086-0  
Fax: +49 (0) 821 4086 111  
sales@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