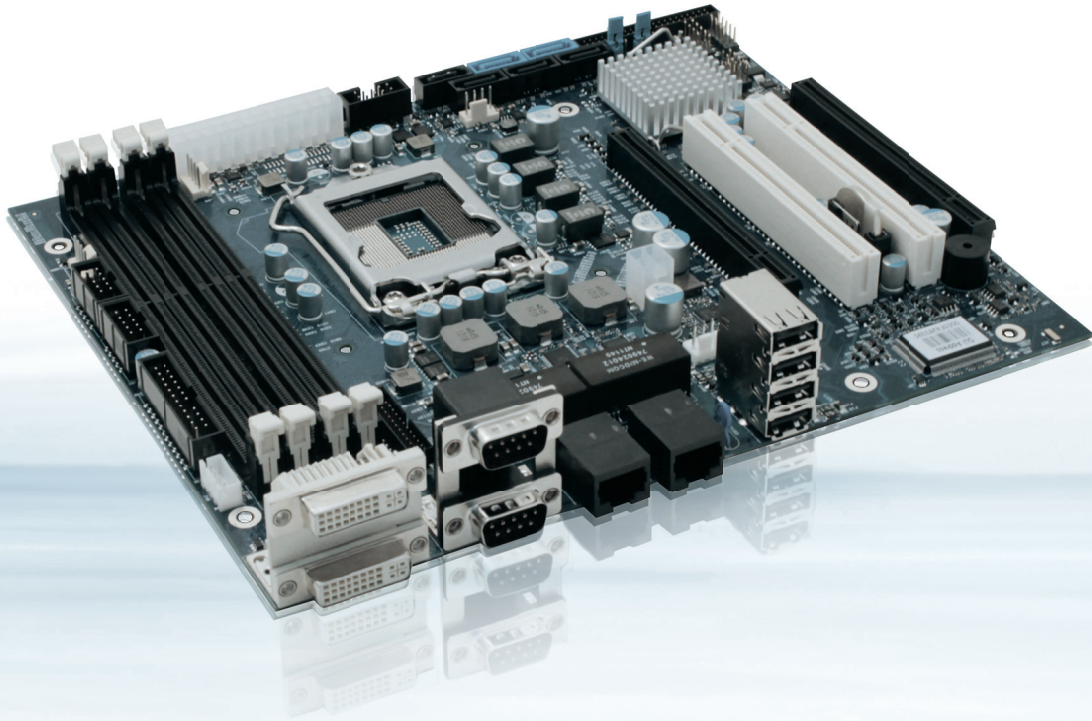


KTQ67/Flex-MED



EMBEDDED MOTHERBOARD OPTIMIZED FOR MEDICAL DEVICES & APPLICATIONS

- ▶ 2x isolated Gigabit Ethernet, EN60601-1 compliant
- ▶ high CPU and graphics performance
- ▶ powerful desktop processors from Intel®'s 3rd Core™ Generation
- ▶ 7 years long term availability

POSSIBILITIES START HERE



KTQ67/Flex-MED

EMBEDDED MOTHERBOARD OPTIMIZED FOR MEDICAL DEVICES & APPLICATIONS

The KTQ67/Flex-MED motherboard is a standard Flex-ATX board with two EN60601-1 compliant isolated Ethernet ports. The KTQ67/Flex-MED offers a long-term availability of 7 years. In addition to its 2 isolated LAN ports, it also includes 2 DVI interfaces to drive 2 medical HD monitors independently. The performance is scalable

across the complete range of the powerful dual core and quad core desktop CPUs from Intel®'s 3rd generation Core™ processors, making it easy to tailor the motherboard to a broad range of individual performance needs.

► TECHNICAL INFORMATION

CPU	Intel® Core™ e.g. Celeron® G1620, Pentium G2120, i3-3220, i5-3550S or i7-3770 (all embedded)
CPU CLOCK	2.5 GHz to 3.4 GHz (Turbo up to 3.9 GHz)
FRONT SIDE BUS	DMI 2.0 support, Four lanes in each direction, Up to 20 Gb/s each direction, full duplex, DMI interface to PCH is supported
CHIPSET	Intel® Q67 w/ AMT 8
DRAM	Up to 4x 8 GByte DDR3 UDIMM (max. 32 GByte)
GRAPHICS CONTROLLER	Intel® HD Graphics, HD Graphics 2500 or HD Graphics 4000 (depends on CPU)
SATA	6x SATA interfaces (4x SATA150/300 and 2x SATA600) w. RAID 0/1/5/10
USB	12x port USB 2.0 (4x USB at Rear I/O, 6x USB in internal headers, 2x USB in front panel connector)
ETHERNET	2x isolated Gigabit LAN
FORM FACTOR	Flex ATX 22,86 x 19,05 cm (9" x 7.5")
ADDITIONAL INTERNAL I/O	1x PCIe x4 (x16 slot), 2x PCI 32 bits/33 MHz 2x COM, HD Audio, PS2, Fans, Frontpanel, Multi-Feature (all headers)
GRAPHICS INTERFACES	1x PCIe x16 slot, 1x DVI-I / 1x DVI-D LVDS single/dual channel (option)
REAR I/O	DVI-I (incl. VGA), DVI-D, COM1/2, 2x isolated RJ45 LAN, 4x USB2.0
TEMPERATURE	Operating 0 °C to 60 °C (32 °F to 140 °F)
SPECIAL FEATURE	SW RAID 0,1,5,10 Support, GPIO, LPT, TPM 1.2, embedded multi feature connector incl. ADC, DAC up to 160 GPIO
LONGEVITY	Up to 7 years

► CORPORATE OFFICES

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