If it's embedded, it 's Kontron.
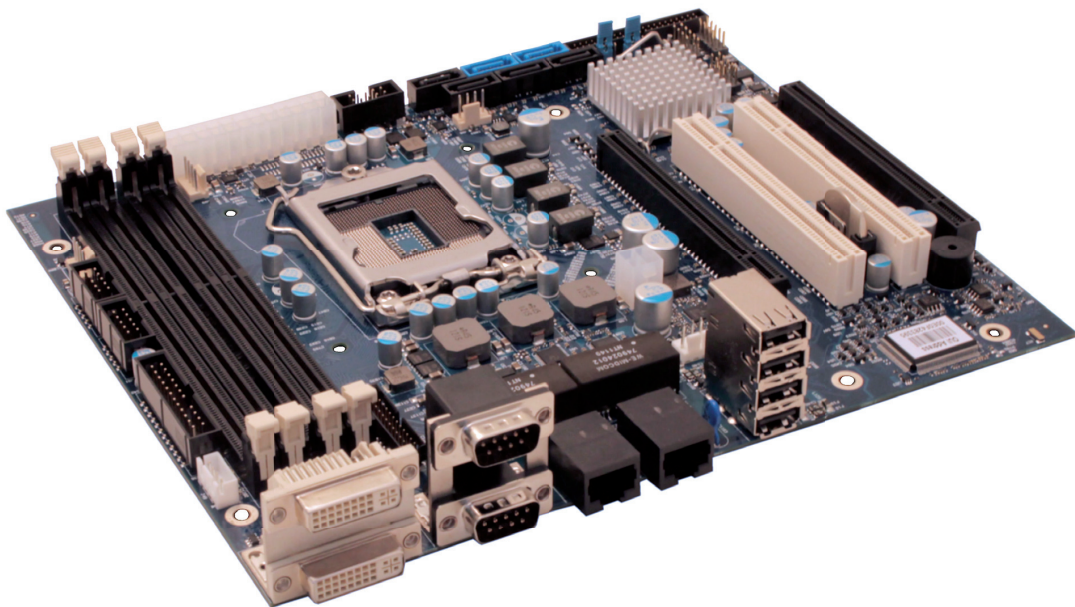
» KTQ67/Flex medical «

2nd Generation Intel® i7-,i5,-i3 2Core and 4Core CPUs & Intel® Q67 Chipset

Optimized for medical devices & applications

- » Long term available Embedded Motherboard
- » High CPU and graphics performance
- » Up to 32 GB DDR3 RAM
- » 6x SATA, 12x USB 2.0, 2x isolated LAN
- » Multi purpose KT Feature Connector
- » Gen 2.0 PCIe x16 & PCIe x4

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2nd Generation Intel® i7-,i5,-i3 2Core and 4Core CPUs & Intel® Q67 Chipset

Typical Applications

» **Medical:** High Graphics performance & longevity

Technical Information

CPU	Intel® Core i7/i5/i3 2C
CPU Clock	Up to 3.8 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
DRAM	Up to 8 GB DDR3, 4x (max. 32GB)
Graphics Controller	integrated into 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 LAN
Form Factor	22,86 cm x 19,05 cm (9" x 7,5")
Available I/Os	1x PCIe x4 (In x16 connector), 2x PCI 32bits/33MHz, 2x COM, Internal PS2 Mouse/Keyboard connector, 2x DVI with active drivers
Graphic Interface	1x PCIe x16 (stacked), 1x DVI-I, 1x DVI-D
Rear I/O	2x DB9 serial port, 4x USB, 2x RJ45 LAN, VGA supported by 1x DVI-I, 1x DVI-D
Temperature	Operating 0°C - 60°C (32°F - 140°F)
Special Feature	Multi purpose HDD RAID 0,1,5,10 Support, GPIO, LPT, HD Audio, AMT 7.0, TPM 1.2 support, KT embedded feature connector with ADC, DAC up to 160 GPIO
Additional	Up to 7 years availability, systemfan 2 connector

Ordering Information

Article	Part-No.	Description
KTQ67/Flex medical	810460-4500	KTQ67/Flex medical board, 2nd Generation Intel® i7-, i5-, i3 2 Core and 4 Core CPUs & Intel® Q67 chipset

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