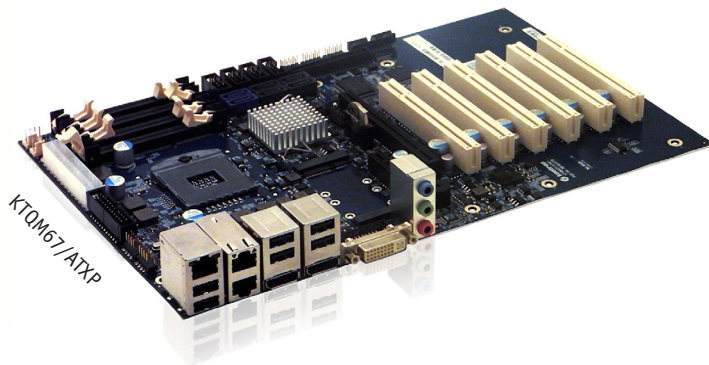
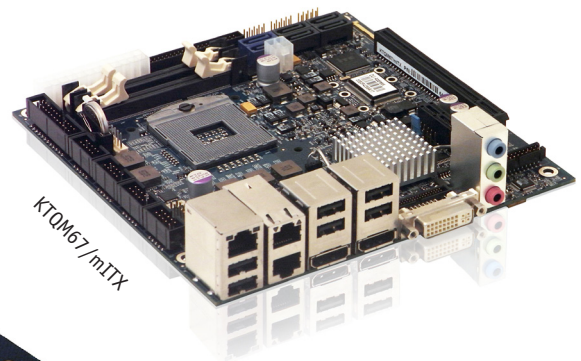
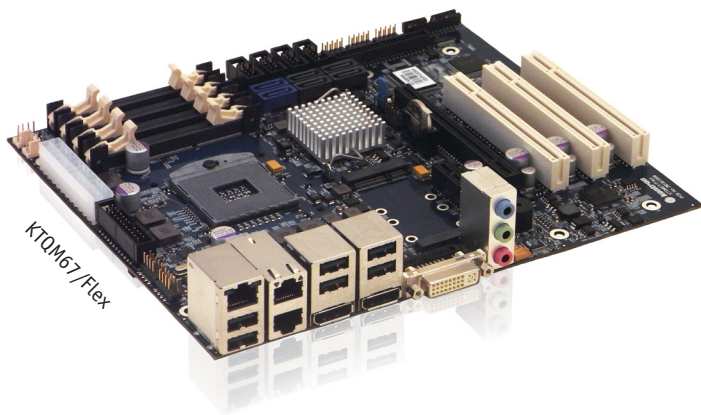


» KTQM67 - Motherboard-Family «

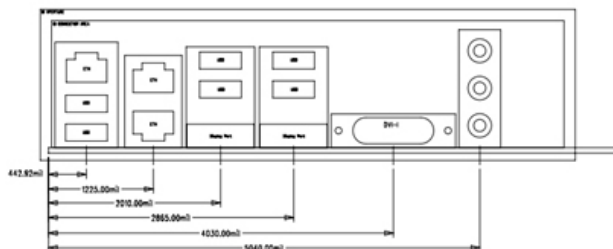


2nd Generation Intel® i7-,i5,-i3 2Core and 4Core CPUs & Intel® QM67 Chipset

- » Long term available Embedded Motherboards
- » High graphics performance incl. 2 x Display Port, LVDS & DVI
- » 6 x SATA (incl. 2 x SATA III), 14 x USB 2.0, 3 x Intel® GB LAN incl. Intel® AMT 7.0 support
- » mSATA interface highspeed compact SSD storage
- » Gen 2.0 PCIe x16 & PCIe x1 / x 4
- » Unique multipurpose KT Feature Connector

Typical Applications

- » **Digital Signage:** High graphics performance & multi display support
- » **Gaming/POS/POI:** High graphics and high CPU performance
- » **Medical:** High Graphics performance & longevity
- » **Industrial Automation:** wide range of I/Os & longevity
- » **Future-oriented Devices** due to Display Port and mSATA/compact SSD support



General Technical Information

CPU	Intel® i7-,i5,-i3 2 Core and 4 Core CPUs; Intel® Celeron® Processor B810
CPU Clock	Up to 2.7GHz (3.5GHz in Turbo) depending on actual CPU
DMI	DMI 2.0 support; Four lanes in each direction; 5 GT/s point-to-point DMI interface to PCH is supported.
Chipset	Intel® QM67
DRAM	Up to 8 GB DDR3 x 2 (max. 16 GB) on Mini-ITX; Up to 8 GB DDR3 x 4 (max. 32 GB) on FLEX-ATX / ATX
SATA	6 x SATA (incl. 2 x SATAIII) w. RAID -Support
USB	14 x USB 2.0
Ethernet	Up to 3 x Intel® GB LAN (incl 1x AMT 7.0 support)
Available I/Os	1x PCI Express x 16, 1 PCI Express x 1, 4x COM, 2 x mini PCI-Express, 2x IEEE1394a (Pin row), Internal PS2 Mouse/Keyboard connector, LPT Parallel port in FFC connector
Graphics Controller	integrated
Graphic Interface	2 x Display port, 1 DVI-I, LVDS / Embedded DP, HDMI via Adapter / 1 x PCIe x 16 PCI slot
Audio	HD 7.1, Mic x2, CDROM in and SPDIF
Rear I/O	2x (Dual USB +Displayport), Dual USB + Ethernet, Dual Ethernet, DVI, Audio 3x
Temperature	Operating 0°C - 60°C (32°F - 140°F)
Special Feature	GPIO, HDD RAID 0,1,5,10 support, AMT 7.0, TPM 1.2, mSATA for SSD Storage, ATX and single 12V power supply (only on Mini-ITX), KT embedded feature port with ADC, DAC up to 160 GPIO
Additional	Up to 7 years availability

The KTQM family consists of members having different form factors, and the same functionality except for the functions listed in the table below.

Available Form Factors

KTQM67 variants	Format	PCI	SODIMM Sockets	Single +12V Power Supply
KTQM67/mITX	mITX	-	2	Yes
KTQM67/Flex	Flex	3	4	No
KTQM67/ATXP	ATXP	6	4	No

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
info@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



#KTQM67- Motherboard-Family # 12222011KSA
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.