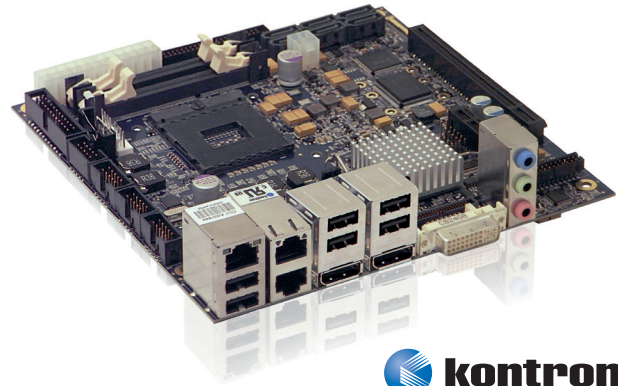


# KTQM67/mITX

Kontron Industrial Series

Industrial mainboard — Mini-ITX

- 2nd Generation Intel® i7-,i5,-i3 2Core and 4Core CPUs & Intel® QM67 Chipset
- High graphics performance  
incl. 2 x Display Port, LVDS & DVI
- Extended temperature range 0...60°C
- Designed for 24/7 continuous operation
- Long-term availability



## Technical data

- Single +12V Power Supply
- 2x S0 DIMM socket
- 6 x SATA, incl. 2 x SATA 6Gb
- 14 x USB 2.0
- 3 x Intel® GB LAN  
incl. Intel® AMT 7.0 Support

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



## Models

<b>KTQM67/mITX</b>	810410-4500	KTQM67/mITX - 3 GB LAN, AMT 7.0 QM67, mITX, 3x GB LAN, PCIe x16, PCIe x1
--------------------	-------------	--

Recommended power supplies from Bicker Elektronik >>> Additional recommendations on [www.bicker.de](http://www.bicker.de)

<b>BEP-506H</b>	<b>BEP-520H</b>	<b>BEA-540H</b>	<b>BES-540C</b>	<b>BEO-1012M</b>
60 Watt	200 Watt	400 Watt	400 Watt	100 Watt

