

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

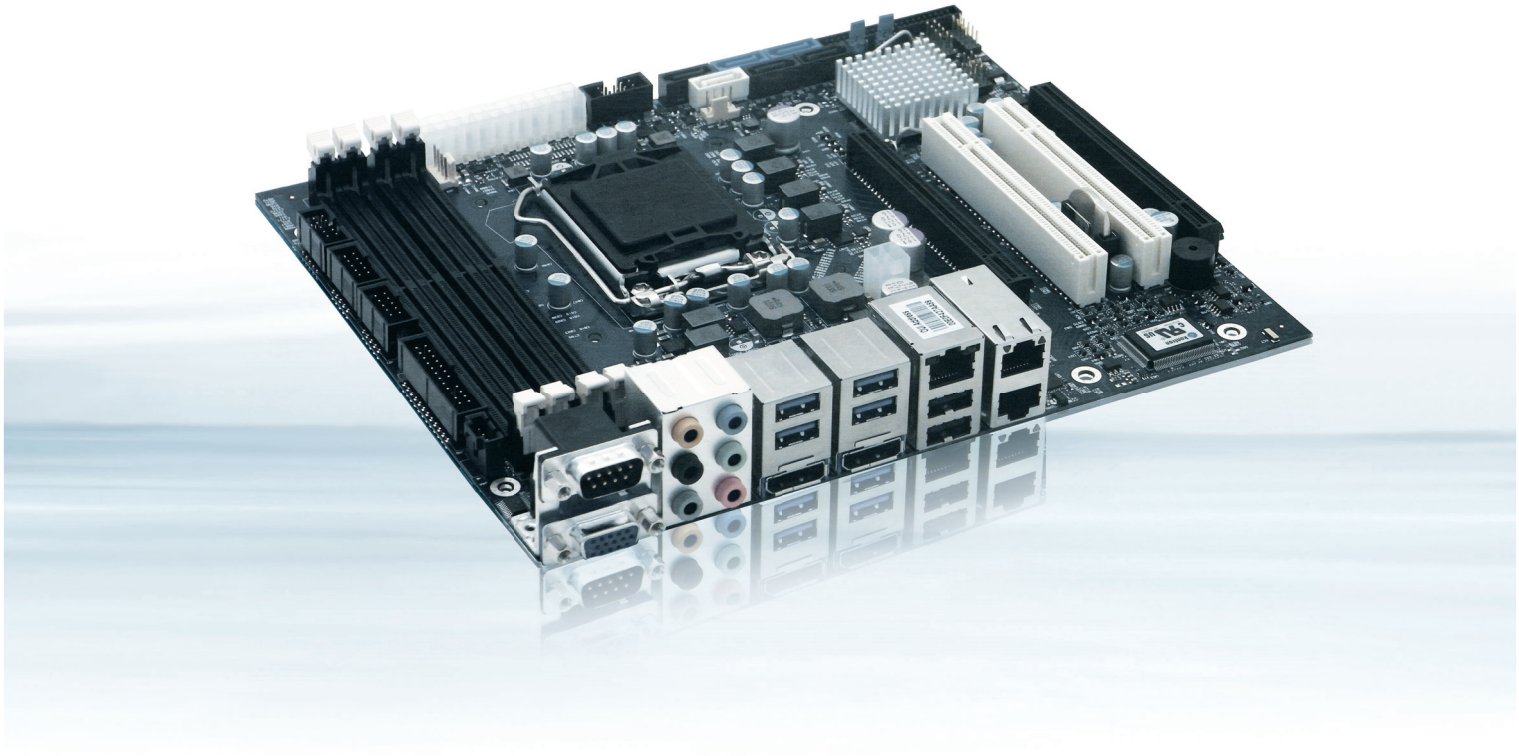
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Expert team | Trust guarantee | 100% satisfaction

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KTQ77/FLEX Motherboard



FLEX ATX MOTHERBORD WITH 3rd GENERATION Intel® I7-,I5,-I3 2 Core™ AND 4 Core™ CPUs & Intel® Q77 CHIPSET

- long term available embedded FLEX-ATX motherboard
- high CPU and graphics performance for 3 independent displays
- 2x Display Port for flexible, high resolution display drive
- Up to 32 GByte DDR3 RAM
- 4x USB 3.0, 10x USB 2.0, 6x SATA (incl. 2x SATA III)

POSSIBILITIES START HERE kontron

KTQ77/Flex Motherboard

3rd GENERATION Intel® i7-, i5, -i3 2 Core™ AND 4 Core™ CPUs & Intel® Q77 CHIPSET

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



Rear I/Os

TECHNICAL INFORMATION

FEATURES	KTQ77 FLEX Motherboards
CPU	Intel® Core i7/i5/i3
CPU CLOCK	Up to 3.8 GHz
FRONT SIDE BUS	DMI 2.0 support; Four lanes in each direction; Up to 20 Gbits each direction, full duplex. DMI interface to PCH is supported
CHIPSET	Intel® Q77
DRAM	Up to 8 GByte DDR3 x4 (max. 32 GByte), 1067/1333/1600 MHz support (Dependent on the used processor unit)
GRAPHICS CONTROLLER	integrated into CPU
SATA	6x SATA interfaces (4x SATA150/300 and 2x SATA600) w. RAID 0/1/5/10
USB	4x USB 3.0, 10x USB 2.0
ETHERNET	3x GbE LAN, one LAN controller supporting Intel® AMT 8.0
FORM FACTOR	Flex: 22,86 cm x 19,05 cm (9" x 7,5")
AVAILABLE I/OS	PCIe 3.0, 2x PCI 32 bits/33 MHz (on FLEX), 1x Mini-PCIe, 1x mSATA, 4x COM, Internal PS2 Mouse/Keyboard connector 1x PCIe x4, 1x PCIe x16
GRAPHIC INTERFACE	2x Display port, 1x CRT
AUDIO	High Definition Audio Codec using the VIA 1708B codec
REAR I/O	DB9 serial port, DB15 VGA, Audio stacked 2x3 mini Jack tower, 6x USB, 2x Display port, 3x RJ45 LAN
TEMPERATURE	Operating 0 °C - 60 °C (32 °F - 140 °F)
SPECIAL FEATURE	Multi purpose HDD RAID 0,1,5,10 Support, GPIO, LPT, AMT 8.0, TPM 1.2 support, KT embedded feature connector with ADC, DAC up to 160 GPIO, up to 3 independent displays supported
ADDITIONAL	Up to 7 years availability

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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