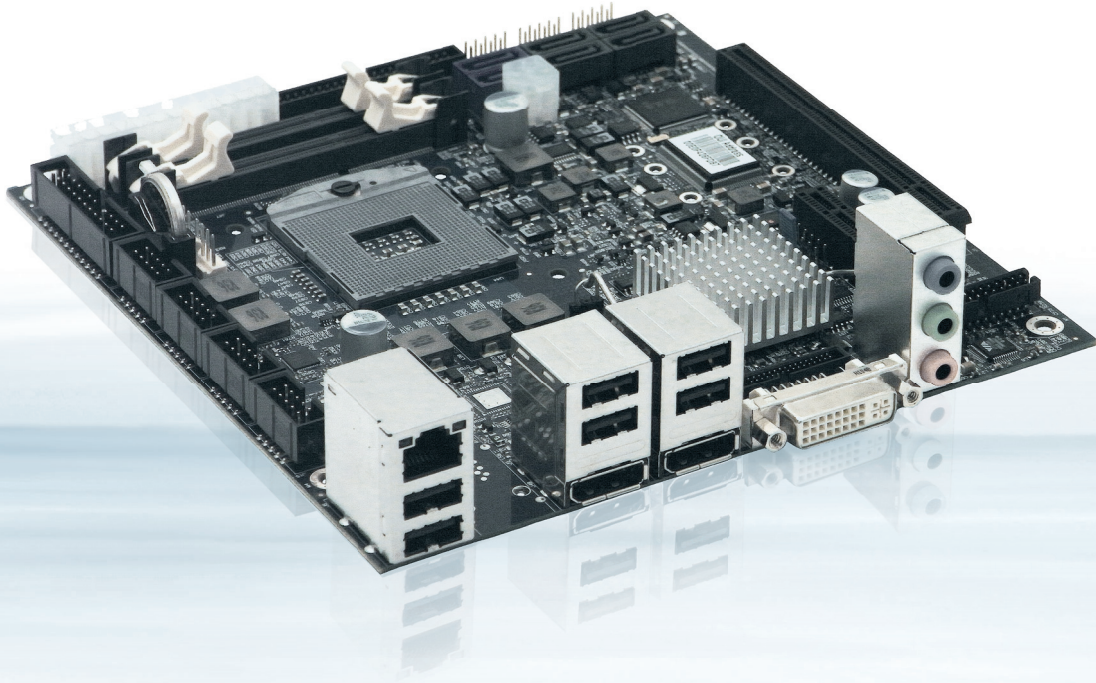


KT HM65/mITX



2nd GENERATION Intel® I7-, I5-, I3 2 Core AND 4 Core CPUs & Intel® HM65 CHIPSET

- ▶ long term available Embedded Mini-ITX Motherboard
- ▶ high graphics performance incl. 2x Display Port, LVDS/eDP & DVI
- ▶ 6x SATA (incl. 2x SATA III), 12x USB 2.0, 1x Intel® GByte LAN
- ▶ mSATA interface highspeed compact SSD storage
- ▶ Gen 2.0 PCIe x16 & PCIe x1, mPCIe

Typical Applications

- ▶ **Digital Signage:** High graphics performance & multi display support
- ▶ **Gaming/POS/POL:** 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

▶ TECHNICAL INFORMATION

CPU	Intel® i7-, i5-, i3 2 Core™ and 4 Core™ CPUs; Intel® Celeron® Processor B810
CPU CLOCK	Up to 2.7 GHz (3.5 GHz 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® HM65
DRAM	Up to 8 GByte DDR3 x 2 (max. 16 GByte) on Mini-ITX;
SATA	6x SATA (incl. 2x SATAIII)
USB	12x USB 2.0
ETHERNET	1x Intel® GByte LAN
AVAILABLE I/Os	1x PCI Express® x16, 1 PCI Express® x1, 4x COM, 2x mini PCI Express®, Internal PS2 Mouse/Keyboard connector
GRAPHICS CONTROLLER	Integrated
GRAPHIC INTERFACE	2x Display port, 1 DVI-I, LVDS / Embedded DP, HDMI via Adapter / 1x PCIe x16 PCI slot
AUDIO	HD 7.1, Mic x2, CDROM in and SPDIF
REAR I/O	2x (Dual USB + Displayport), Dual USB + Ethernet, DVI, Audio 3x
TEMPERATURE	Operating 0 °C to 60 °C (32 °F - 140 °F)
SPECIAL FEATURE	GPIO, TPM 1.2, mSATA for SSD Storage, ATX and single 12 V power supply (only on Mini-ITX), KT embedded feature port with ADC, DAC up to 160 GPIO
ADDITIONAL	Up to 7 years availability

▶ AVAILABLE FORM FACTORS

KTHM65 VARIANTS	FORMAT	PCI	SODIMM SOCKETS	SINGLE +12 V POWER SUPPLY
KTHM65/mITX	mITX	-	2	yes

▶ CORPORATE OFFICES

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