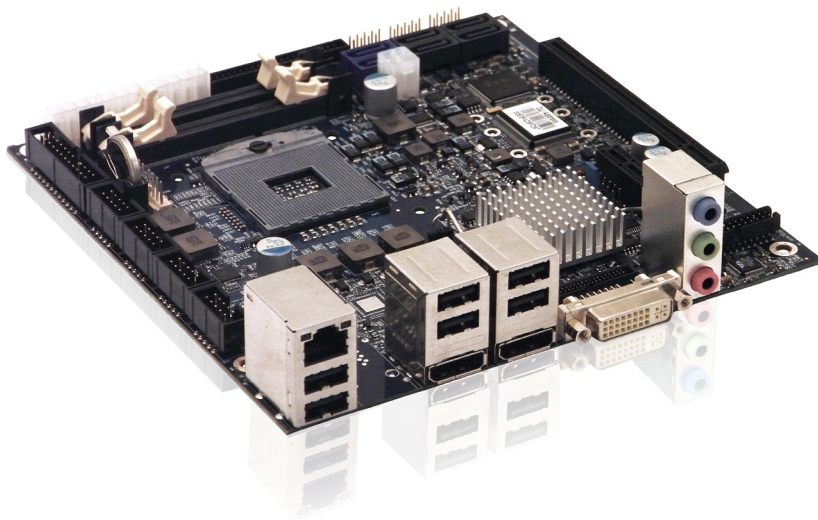


» KTHM65/mITX «



2nd Generation Intel® i7-,i5,-i3 2Core and 4Core CPUs & Intel® HM65 Chipset

- » Long term available Embedded Mini-ITX Motherboard
- » High graphics performance incl. 2 x Display Port, LVDS/eDP & DVI
- » 6 x SATA (incl. 2 x SATA III), 12 x USB 2.0, 1 x Intel® GB LAN
- » mSATA interface highspeed compact SSD storage
- » Gen 2.0 PCIe x16 & PCIe x1, mPCIe
- » 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® HM65
DRAM	Up to 8 GB DDR3 x 2 (max. 16 GB) on Mini-ITX;
SATA	6 x SATA (incl. 2 x SATAIII)
USB	12 x USB 2.0
Ethernet	1 x Intel® GB LAN
Available I/Os	1x PCI Express x 16, 1 PCI Express x 1, 4x COM, 2 x mini PCI-Express, Internal PS2 Mouse/Keyboard 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, DVI, Audio 3x
Temperature	Operating 0°C - 60°C (32°F - 140°F)
Special Feature	GPIO, 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

Available Form Factors

KTHM65 variants	Format	PCI	SODIMM Sockets	Single +12V Power Supply
KTHM65/mITX	mITX	-	2	Yes

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