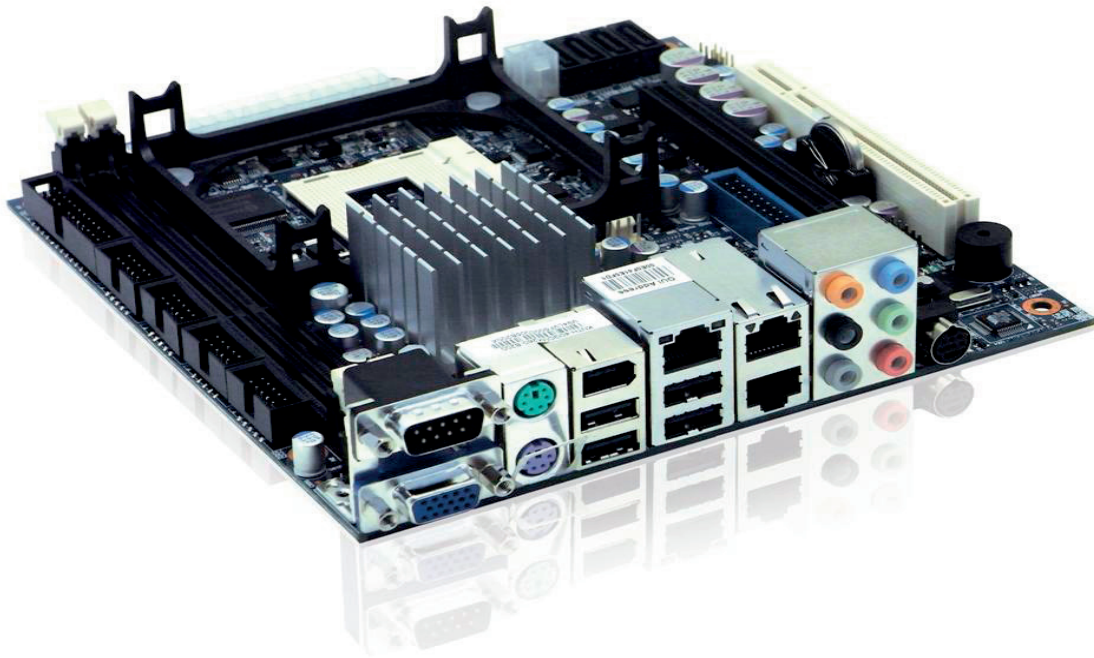


» KTGM45/mITX «



Intel® GM45 + ICH9M-E Embedded Chipset, Intel® Core™2 Duo mobile support

- » Long term available embedded Mini-ITX motherboard
- » Intel® GMA 4500 MHD graphics with PCI-Express 16x
- » Flat panel support via ADD2-cards (DVI, LVDS & HDMI)
- » Intel® AMT 4.0 support
- » Up to 8 GB DDR3, 2 pcs. DIMM 240 pin
- » 4x SATA150/SATA300 w. RAID 0/1, HD Audio, 12x USB 2.0

Technical Information

Processor	Intel® Core™2 Quad mobile & Intel® Core™2 Duo mobile support incl. T9400
Chipset	Intel® GM45 + ICH9M-E Embedded Chipset
Front Side Bus	667/800/1067 MHz
Bus	1x PCI 1x PCI Express® 16x/SDVO for external graphics card or ADD2 cards
DRAM	2x DIMM-240 for up to 8 GB DDR3
Graphics	Intel® GMA 4500 MHD graphics On board CRT, on board Dual Channel LVDS, PCI-Express x 16/SDVO, SVideo (TV)
Resolution	Up to: CRT 2048x1536, LVDS 1920x1080
Graphic Interfaces	CRT output and SDVO digital output for DVI, LVDS & HDMI
HDD	4x SATA150/SATA300 w. RAID 0/1 support 1x ATA100 (2.54 mm connector)
Compact Flash	Compact Flash Type I + II (810350-4500 only)
IEEE1394	2x IEEE1394 (1x Internal and 1x External) (810350-4500 and 810351-4500 only)
Serial Port	4x RS232C serial ports with FIFO
USB	12x port USB 2.0 (8x internal and 4x external)
Ethernet	3x Intel® Gigabit Ethernet, one with Intel® AMT 4.0 support (810352-4500 has only 1x LAN)
Keyboard/Mouse	Standard PS/2 mouse and keyboard (internal connection available)
Sound	7.1 channel HD audio
Monitoring API/DMI	Software interface to monitor hardware values including HDD S.M.A.R.T.
Battery	On board Lithium battery and external battery input
Operating Temp.	0°C to 60°C (*)
EMC/ESD compliance	Compliance with EN55022 and EN61000-4-2(ESD)
Dimensions	Mini-ITX, 17cm x 17cm (6.7" x 6.7")
Introduction date	KTGM45/mITX May 2010

Ordering Information

Article	Part No.	Description
KTGM45/mITX Plus	810350-4500	KTGM45/mITX, 3 GB Intel® Lan w. AMT 4.0 support, 1x PCI, RTC, CF & Firewire
KTGM45/mITX Std	810351-4500	KTGM45/mITX, 3 GB Intel® Lan w. AMT 4.0 support, 1x PCI & Firewire
KTGM45/mITX Basic	810352-4500	KTGM45/mITX, 1 GB Intel® Lan w. AMT 4.0 support, 1x PCI

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