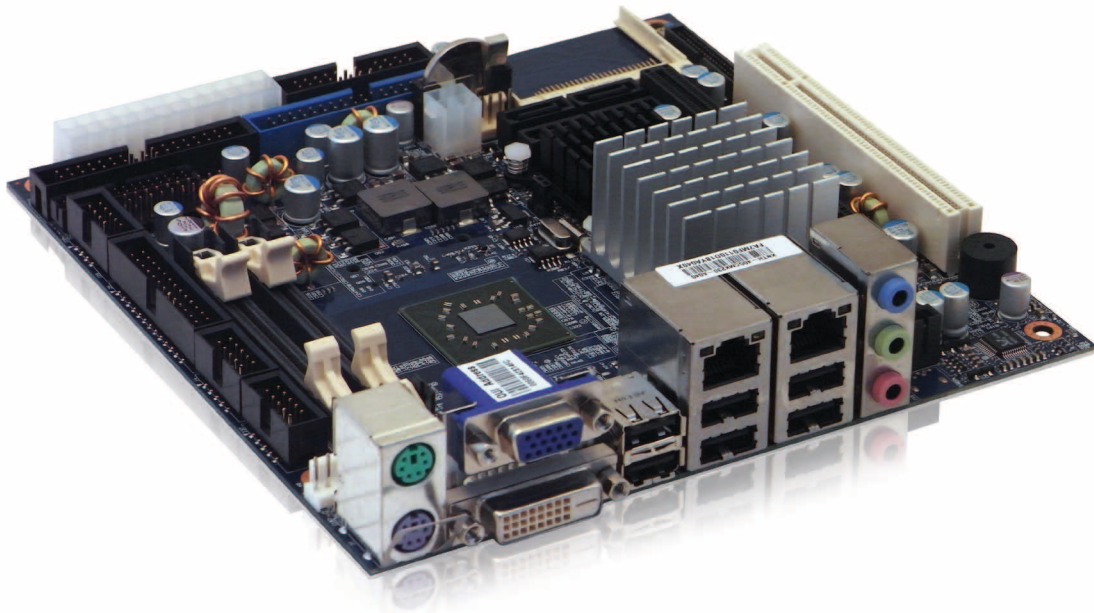


» KT690/mITX (BGA) «



**Available with AMD M690T + SB600 Embedded Chipset U210
1.5 GHZ (15W) and Dual Core L325 1.5GHz (18W)***

- » Improved price-performance ratio
- » Long-term availability
- » Radeon™ X1250 Graphics Core with PCI-Express 8x
- » Flat Panel Display Support, incl. dual independent display
- » 10x USB2.0, 2x Serial port, 1x PCI slot & 1x Mini PCI Express, 2 x Gbit LAN
- » Solid CAPs - for enhanced lifetime & MTBF

KT690/mITX Family

Available with AMD M690T + SB600 Embedded Chipset U210 1.5 GHZ (15W) and Dual Core L325 1.5GHz (18W)*

Technical Information

Processor	
Single Core	U210, 1.5 GHZ 15W, 256 KB Cache
Dual Core	L325, 1.5GHz, 18W, 2x512 KB Cache
Chipset	AMD M690T + SB600 Embedded Chipset
Bus	1x PCI connector 1x mini PCI-Express 1x 8x PCI Express (in a 16x connector)
DRAM	2x DDR2 socket (200pins DIMM) up to 16 GByte
Graphics	Integrated version of Radeon™ X1250 Graphics Core
Resolution	Up to: CRT 2048x1536, LVDS 1600x1200, DVI 1600x1200 including 16x9 support
Graphic Interfaces	On board CRT, on board Dual Channel LVDS, PCI-Express x 8, S-Video(TV) (optional), DVI-D
HDD	4x Serial ATA150/300 and 1x ATA133 (2.54 mm connector)
Parallel Port	Bi-directional w. SPP, ECP or EPP mode, shared floppy drive option (internal pin connector)
Serial Port	2x RS232C serial ports with FIFO
USB	10x USB 2.0 (4x internal and 6x external)
Ethernet	2x 10/100/1000 Intel® Ethernet Controller
Keyboard/Mouse	Standard PS/2 mouse and keyboard (internal connection available)
Sound	HD Audio
GPIO	8 channel GPIO
Monitoring API/DMI	Software interface to monitor hardware values including HDD S.M.A.R.T.
Operating Temp.	0 - 60°C (see manual for details)
Special feature	TPM onboard
Dimensions	mini-ITX, 170 mm x 170 mm (6.7" x 6.7")

Ordering Information

Article	Part.-No.	Description
KT690/mITX (BGA) U210	810284-4500	KT690 with AMD U210 Core and integrated Radeon graphics
KT690/mITX (BGA) L325	810283-4500	KT690 with AMD L325 Core and integrated Radeon graphics

(*) other CPUs for high volume projects on request

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