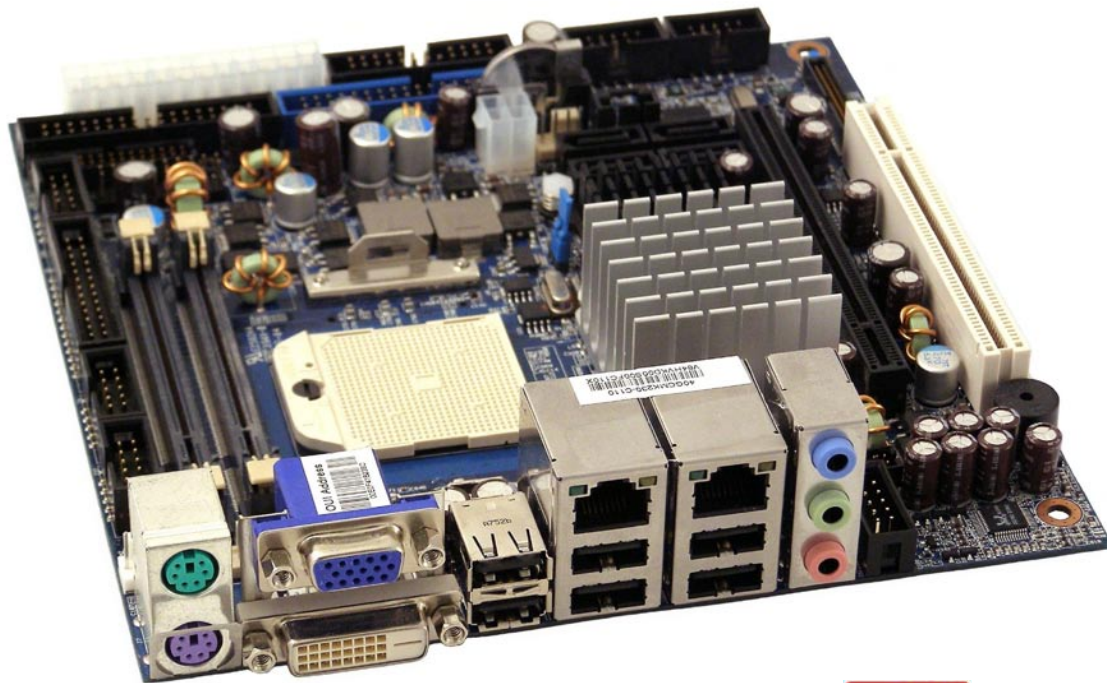


» KT690/mITX Family «



AMD M690T + SB600 Embedded Chipset
AMD Turion™ 64 dual core processor support

- » Long-term availability
- » Radeon™ X1250 Graphics Core with PCI-Express 8x
- » Flat Panel Display Support, incl. dual independent display
- » Up to 2x 10/100/1000 Mbps Ethernet
- » Trusted Platform Module (TPM) Onboard, Firewire optional
- » 10x USB2.0, 2x Serial port, 1x PCI slot & 1x Mini PCI Express

KT690/mITX Family

AMD M690T + SB600 Embedded Chipset

AMD Turion™ 64 dual core processor support

Technical Information

Processor	Mobile AMD Sempron™ single core and AMD Turion™ 64 dual core
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	Up to 2x 10/100/1000 Ethernet Controller, Realtek RTL8111B
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*
Dimensions	mini-ITX, 170 mm x 170 mm (6.7" x 6.7")

(* see manual for details)

Ordering Information

Article	Part.-No.	Description
KT690/mITX	810280-4500	KT690 with AMD Core and integrated Radeon graphics, CF
KT690/mITX-FW	810281-4500	KT690 with AMD Core and integrated Radeon graphics & Firewire

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
info@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn