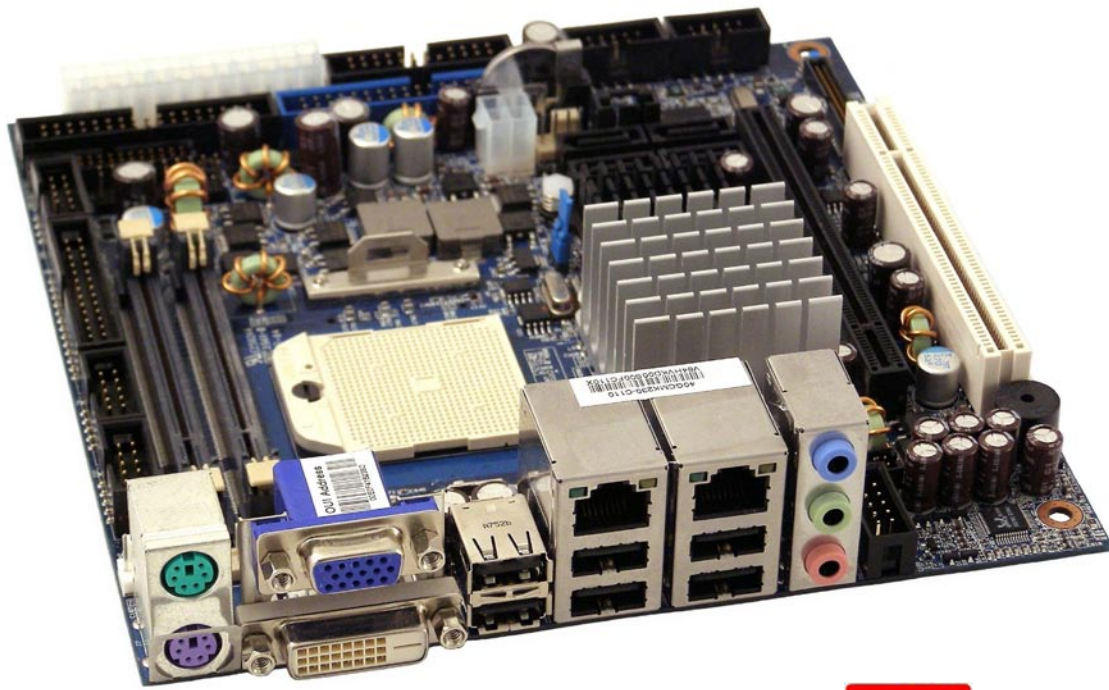


## » KT690/mITX Family «



### 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

<b>Processor</b>	Mobile AMD Sempron™ single core and AMD Turion™ 64 dual core
<b>Chipset</b>	AMD M690T + SB600 Embedded Chipset
<b>Bus</b>	1x PCI connector 1x mini PCI-Express 1x 8x PCI Express (in a 16x connector)
<b>DRAM</b>	2x DDR2 socket (200pins DIMM) up to 16 GByte
<b>Graphics</b>	Integrated version of Radeon™ X1250 Graphics Core
<b>Resolution</b>	Up to: CRT 2048x1536, LVDS 1600x1200, DVI 1600x1200 including 16x9 support
<b>Graphic Interfaces</b>	On board CRT, on board Dual Channel LVDS, PCI-Express x 8, S-Video(TV) (optional), DVI-D
<b>HDD</b>	4x Serial ATA150/300 and 1x ATA133 (2.54 mm connector)
<b>Parallel Port</b>	Bi-directional w. SPP, ECP or EPP mode, shared floppy drive option (internal pin connector)
<b>Serial Port</b>	2x RS232C serial ports with FIFO
<b>USB</b>	10x USB 2.0 (4x internal and 6x external)
<b>Ethernet</b>	Up to 2x 10/100/1000 Ethernet Controller, Realtek RTL8111B
<b>Keyboard/Mouse</b>	Standard PS/2 mouse and keyboard (internal connection available)
<b>Sound</b>	HD Audio
<b>GPIO</b>	8 channel GPIO
<b>Monitoring API/DMI</b>	Software interface to monitor hardware values including HDD S.M.A.R.T.
<b>Operating Temp.</b>	0 - 60°C*
<b>Dimensions</b>	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