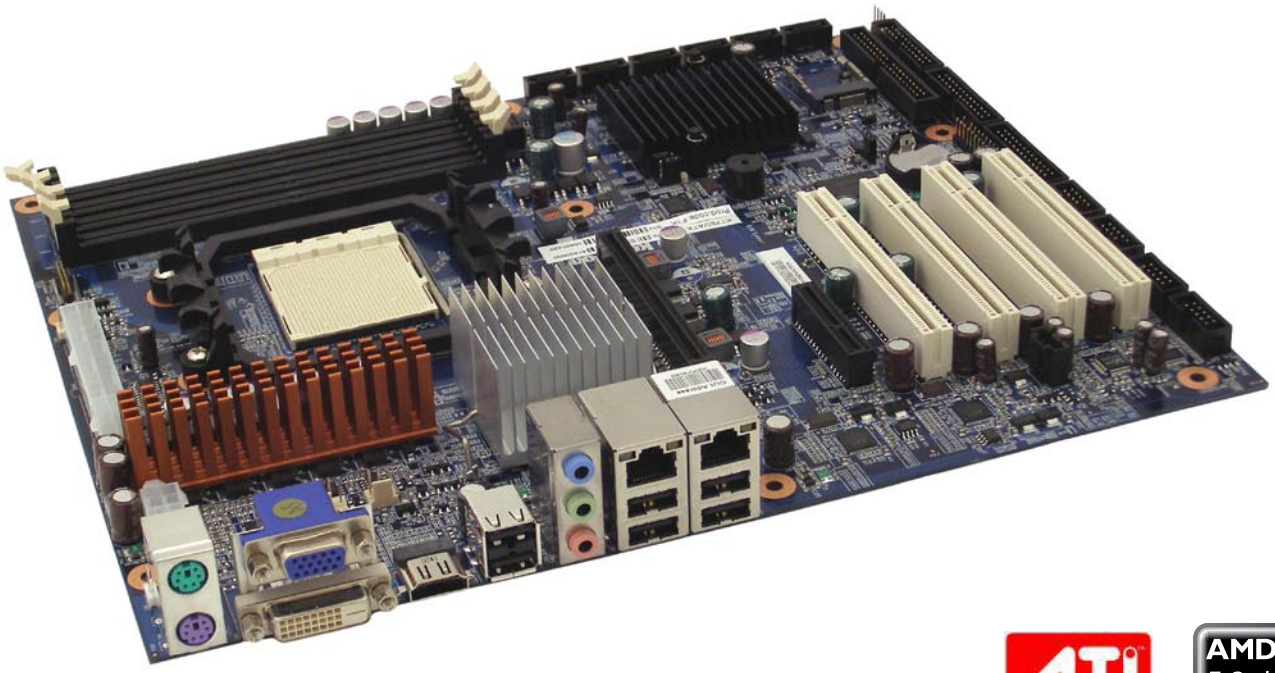
kontron

» KT780/ATX «



AMD RS780 + SB700 Chipset, AMD Athlon™64 & AMD Phenom™ processor support

» 3 years of availability
» ATI Radeon™ HD 3200 Graphics Core w. PCI-Express 16x 2.0 Support
» Up to 8GB of memory with ECC support for increased datasecurity
» Up to 2x 10/100/1000 Mbps Ethernet
» Trusted Platform Module (TPM) Onboard, optional HDMI interface
» 12x USB2.0, 6x SATA, 4x PCI slot & 1x PCI Express x4

Technical Information

Processor	AMD Athlon™64 & AMD Phenom™ Single to Quad Core
Chipset	AMD RS780 + SB700 Chipset with Hyperflash support for fast OS boot (Optional)
Bus	4x PCI connector
	1x PCI-Express 16x 2.0 Support
	1x PCI Express 4x
DRAM	Up to 8GB of memory with ECC support for increased datasecurity
Graphics	Integrated version of ATI Radeon™ HD 3200 Graphics Core
Resolution	Up to: CRT 2048x1536, DVI 1600x1200 including 16x9 support
Graphic Interfaces	On board CRT, PCI-Express x16, DVI-D, HDMI (optional)
HDD	6x Serial ATA150/300 and 1x PATA 133 (2.54 mm connector) / Hyperflash
Parallel Port	Bi-directional w. SPP, ECP or EPP mode
Serial Port	2x RS232C serial ports with FIFO
RAID	HDD RAID 0/1/10
USB	12x USB 2.0 (6x internal and 6x external)
Ethernet	Up to 2x 10/100/1000 Ethernet Controller, Marvel 88E8055
Keyboard/Mouse	Standard PS/2 mouse and keyboard (internal connection available)
Sound	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 - 50°C*
EMC/ESD compliance	Compliance with EN55022 and EN61000-4-2 (ESD)
Safety compliance	UL609501-1:2003, First edition
	CSA C22.2 No. 60950-1-03, First edition, April 1. 2003
Environmental compliance	RoHS and Lead-free production
Dimensions	ATX, 300.5 mm x 243.8 mm (12" x 9,6")
Power Supply	ATX & BTX
Introduction date	KT780/ATX July-2008

(*) see manual for details

Ordering Information

Article	Part.-No.	Description
KT780/ATX	810300-4500	KT780 with AMD Core and integrated ATI Radeon™ HD 3200 graphics with DVI
KT780/ATX	810301-4500	KT780 with AMD Core and integrated ATI Radeon™ HD 3200 graphics with HDMI

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

#KT780/ATX# 02232009WAN
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