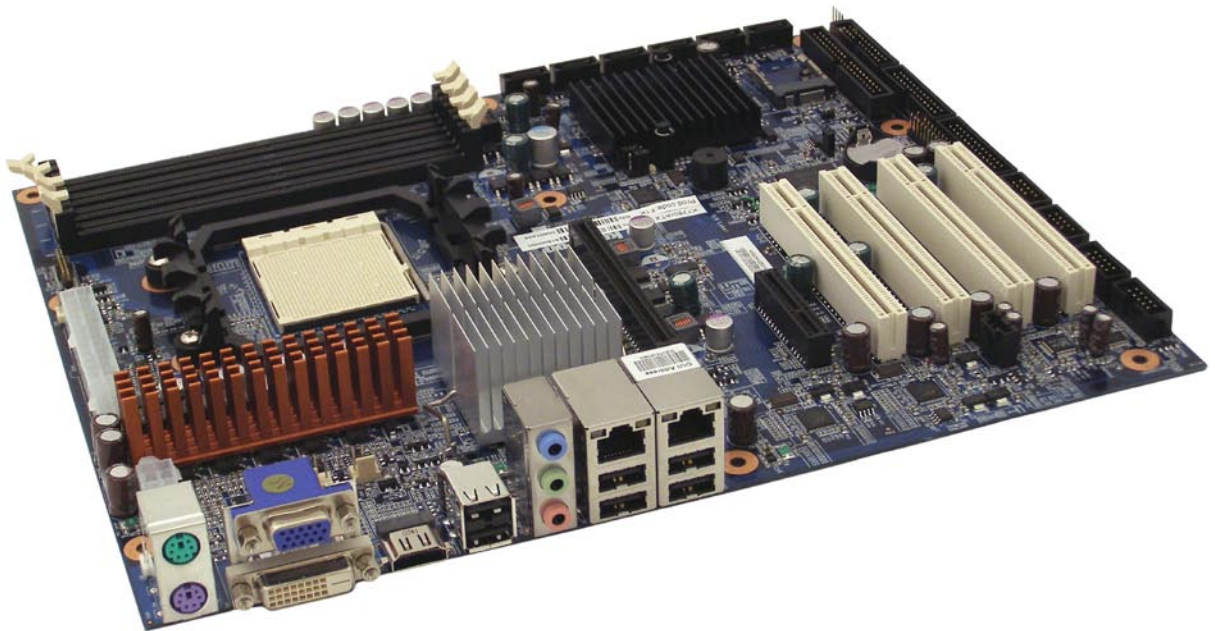


▶ **KT780/ATX**

AMD Athlon™ 64 & AMD Phenom™

Single to Quad Core

Basic ATX motherboard with 3 years longevity



- ▶ AMD Athlon™ 64 & AMD Phenom™ Single to Quad Core CPU
- ▶ Up to 32GB of memory with ECC support for increased datasecurity
- ▶ 3 years of availability
- ▶ AMD RS780 + SB700 Chipset with Hyperflash support for fast OS boot
- ▶ ATI Radeon™ HD 3200 Graphics Core w. PCI-Express 16x 2.0 Support
- ▶ Optional HDMI interface
- ▶ Up to 2x 10/100/1000 Mbps Ethernet
- ▶ Trusted Platform Module (TPM) Onboard
- ▶ 12x USB2.0, 6x SATA, 4x PCI slot & 1x PCI Express x4

► Technical Data

Processor	AMD Athlon™ 64 & AMD Phenom™ Single to Quad Core
Chipset	AMD RS780 + SB700 Chipset with Hyperflash support for fast OS boot (Optional)
BIOS	AMI®
Power Management	ACPI 3.0
Bus	4x PCI connector 1x PCI-Express 16x 2.0 Support 1x PCI Express 4x
DRAM	Up to 32GB 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)
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
RAID	HDD RAID 0/1/5/10

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
Hardware Monitoring	Temperature, fan and voltages
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

► Ordering Information

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

► 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
sales@kontron.com

North America

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

Kontron Technology A/S

Dr. Neergaards Vej 5D
2970 Hørsholm
Denmark
Tel.: +45 4576 1016
Fax: +45 4576 1017
sales@kontron.com