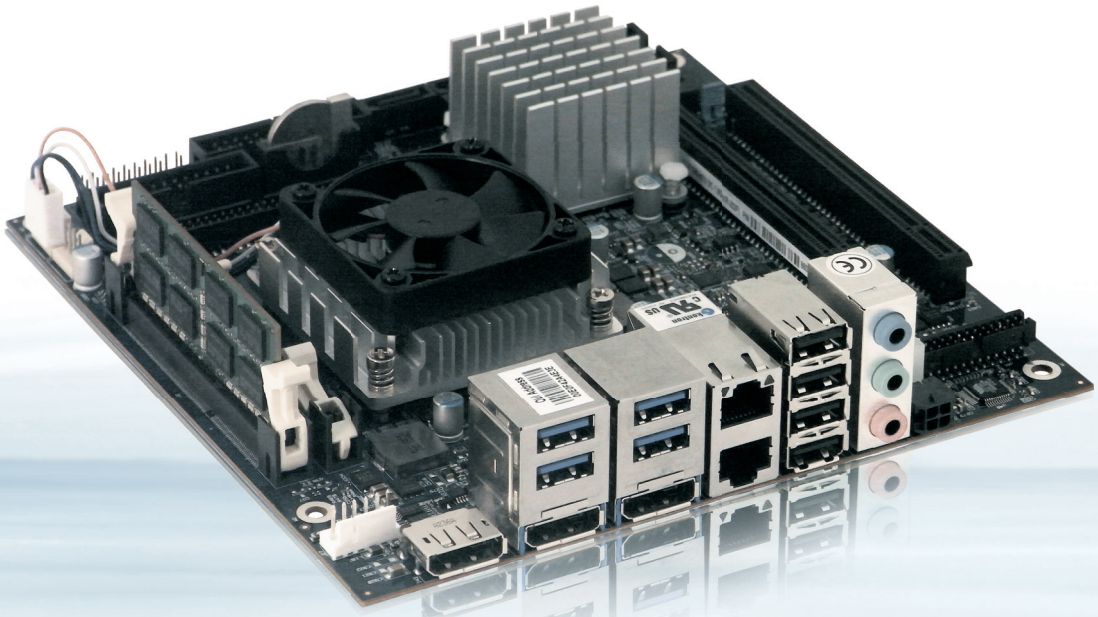
KTA70M/mITX



HIGHEST EMBEDDED GRAPHICS PERFORMANCE WITH AMD R-SERIES

- AMD Embedded R-Series accelerated processing unit (APU) plattform for low power consumptions, dual and quad core BGA CPU
- controller hub A70M
- 4 independet display outputs
- 10x USB 2.0, 4x USB 3.0
- 1x PCIe x8, 1x PCIe x4

POSSIBILITIES START HERE kontron

KTA70M/mITX

MINI ITX-MOTHERBOARD WITH AMD R-SERIES TECHNOLOGY

TECHNICAL INFORMATION

CPU	FP2 BGA
CHIPSET	A70M Hudson-M3
DRAM	2x SODIMM, up to 8 GByte each (in total 16 GByte)
DP	3x
"ADD CARD"	Support for DP output
LAN	2x Intel® GByte Lan
MPCIE	1x
PEG PORT	PCIe x8 gen 2.0 in x16 slot
PCIE PORT	1x PCIe x4 in x16 slot
MSATA	1x
USB	10x USB 2.0, 4x USB 3.0
PSU	12 VDC
DISPLAY	Up to 4x independent display outputs
SPECIAL FEATURES	TPM 1.2 infineon SLB9635TT, KT embedded controller for feature rich intelligent I/O

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
KTA70M/MITX	810522-4500	KTA70M/mITX w. DC 1.9 GHZ (2,4 GHz), R-252F, 17 W, BGA
KTA70M/MITX	810523-4500	KTA70M/mITX w. QC 1.6 GHZ (2,4 GHz), R-452L, 19 W, BGA
KTA70M/MITX	810520-4500	KTA70M/mITX w. QC 2.0 GHZ (2,8 GHz), R-460L, 25 W, BGA

RECOMMENDED MEMORY MODULES

DDR3 SODIMM 1 GBYTE	1060-2502	DDR3-1066 SODIMM 1 GByte
DDR3 SODIMM 2 GBYTE	1060-2508	DDR3-1066 SODIMM 2 GByte
DDR3 SODIMM 4 GBYTE	1060-2510	DDR3-1066 SODIMM 4 GByte
DDR3 SODIMM 8 GBYTE	1060-2512	DDR3-1333 SODIMM 2 GByte
	1060-2518	DDR3-1333 SODIMM 2 GByte
	1060-2514	DDR3-1333 SODIMM 4 GByte
	1060-2516	DDR3-1333 SODIMM 8 GByte
	1060-2506	DDR3-1600 SODIMM 1 GByte
	1060-2482	DDR3-1600 SODIMM 2 GByte
	1060-2484	DDR3-1600 SODIMM 4 GByte
	1060-2504	DDR3-1600 SODIMM 8 GByte

*SKU changes were caused by administrative issues only, no hardware changes.
**Named are always the min. requirements, the shipped memory can fulfill a higher performance level.

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