
Datasheet

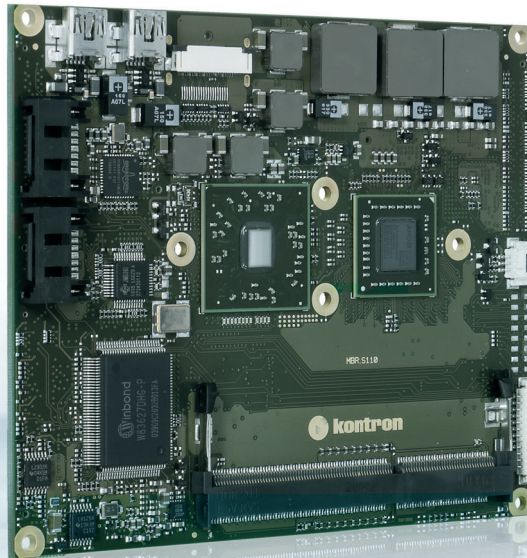
Kontron

ETX®-OH

ETX 3.0 Computer-on-Module with AMD G-Series CPU

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ETX[®]-OH



AMD[®] G-SERIES TECHNOLOGY FOR ETX[®] 3.0

- ▶ integrated GPU with high graphic performance
- ▶ DisplayPort and 18/24 bit Dual-LVDS
- ▶ up to 4 GB DDR3
- ▶ full ETX 3.0 compatibility especially with ISA

POSSIBILITIES START HERE



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▶ TECHNICAL INFORMATION

PROCESSOR	AMD® Embedded G-Series T56N (2x 1.65 GHz), T40E (2x 1.0 GHz), T52R (1.5 GHz), T40R (1.0 GHz), T16R (615 MHz)
CACHE	2x 512 kB L2 Cache
CHIPSET	AMD® Fusion Controller Hub (FCH) A55E
MEMORY	Up to 4 GB DDR3 (-1066/1333) SODIMM
HARD DISK	2x SerialATA (AHCI), 2x PATA (via PCIe bridge), optional 2-32 GB SATA SSD
USB	4x USB 2.0, optional 2x miniUSB 2.0 onboard
PCI	PCI 2.3, 32 bit / 33 MHz
ISA	ISA Bus (ETX® 3.0 compliant)
ETHERNET	10/100 MBit Ethernet, Broadcom BCM54610
SOUND	HDA Codec Realtek ALC886GR
VIDEO CONTROLLER	Integrated Radeon HD6320 (T56N)/ HD6310 (T52R)/ HD6250 (T40R/T40E/T16R) (DirectX® 11, PS 5.0, OpenGL 4.1, OpenCL 1.1) ATI Avivo HD with H.264, VC-1, Blu-ray support
GRAPHIC INTERFACES	DP++ (DisplayPort/HDMI/DVI), Dual Channel LVDS 18 bit or 24 bit up to UXGA (1920 x 1200), CRT up to QXGA (2560 x 1600)
LEGACY INTERFACES	2x Serial (TTL signal), LPT
SECURITY FEATURES	Optional TPM SLB9635TT1.2 onboard
OTHER FEATURES	UEFI, E-API, K-station and JIDA-Support, IrDA 1.1 enhanced, WakeOnLan, Watchdog, I ² C Bus, RTC, Suspend states, DisplayID
OPERATING SYSTEMS	Windows® 7, Windows Vista®, Windows® XP, Windows® XP Embedded, WES 7, Linux and others
FORM FACTOR	ETX® 3.0 compliant 95 x 114 mm
POWER CONSUMPTION	Typ. Idle 6.5 W - 12.9W
TEMPERATURE (*)	Operation: 0°C to 60°C Storage: -30°C to 85°C
HUMIDITY	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(*) Ask about extended temperature ranges

▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
ETX®-OH T56N	18040-0000-16-2	ETX®-OH with AMD® G-series T56N (2x1.65 GHz)
ETX®-OH T40E	18040-0000-10-2	ETX®-OH with AMD® G-series T40E (2x1.0 GHz)
ETX®-OH T52R	18040-0000-15-1	ETX®-OH with AMD® G-series T52R (1x1.5 GHz)
ETX®-OH T40R	18040-0000-10-1	ETX®-OH with AMD® G-series T40R (1x1.0 GHz)
ETX®-OH T16R	18040-0000-06-1	ETX®-OH with AMD® G-series T16R (1x615 MHz)
HSP ETX®-OH, THREADED	18040-0000-99-0	Heatspreader for ETX®-OH, threaded
HSP ETX®-OH, THROUGH	18040-0000-99-1	Heatspreader for ETX®-OH, through
ETX ACTIVE UNI COOLER	18099-0000-99-0	ETX Universal active Cooler for Heatspreader

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