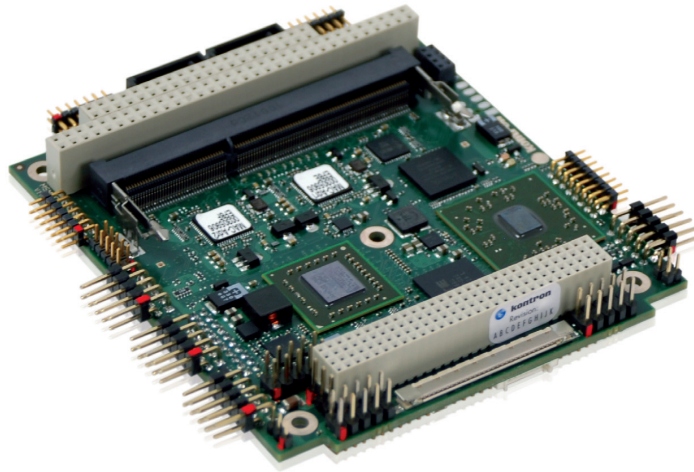


» MICROSPACE® MSM-e0/-N «



MICROSPACE®

PC/104-Plus™ SBC with the new AMD embedded G-Series processor

- » Most powerful graphics for long-term available PC/104-Plus™ designs
- » For extremely compact multimedia applications
- » Up to 4GB DDR3 SODIMM RAM, integrated ATI Radeon graphics, 3D performance: 10x D510 (3DMark06)

MICROSPACE® MSM-e0/-N

PC/104-Plus™ SBC w. new AMD embedded G-Series processor

Technical Information

	MSM-e0	MSM-e0-N
Processor/Performance	AMD embedded T44R 1.2GHz Single Core	AMD embedded T24L 1.0GHz Single Core
Chipset	AMD FCH A55E	AMD FCH A55E
Bus	PC/104-PCI 32 bit 33MHz 4 Slots, PC/104-ISA 16 bit	PC/104-PCI 32 bit 33MHz 4 Slots, PC/104-ISA 16 bit
Memory	Up to 4GB LVDDR3-1066, 1x SODIMM	Up to 4GB LVDDR3-1066, 1x SODIMM
Graphics	AMD Radeon™ HD 6250	-
Video Memory	Up to 384 MB shared video memory	-
LCD Interface	Up to 1920x1200 24bpp	-
CRT Interface	Up to 1920x1200 30bpp	-
DDI	Display port, DVI, HDMI	-
Sound	HD Audio line-out, mic-in, SPDIF out/in	-
SATA HDD-Interface	2x SATA 150/300/600 with RAID 0,1 support	2x SATA 150/300/600 with RAID 0,1 support
COM1/2 / COM2/3	2x RS232/2x UART	2x RS232/2x UART
USB	4x USB 2.0	4x USB 2.0
Ethernet	2x Gbit LAN	1x Gbit LAN
Available I/Os	LPC, SPI	LPC, SPI
Temperature	0°C to + 60°C	0°C to + 60°C
Dimensions	90 x 102 mm	90 x 102 mm
Special Features	8x GPIO 4x A/D 2x D/A PWM, Boot from LAN, Watchdog, bootable micro SD card slot, ECO Mode (minimal power consumption)	8x GPIO 4x A/D 2x D/A PWM, Boot from LAN, Watchdog, bootable micro SD card slot, ECO Mode (minimal power consumption)

Ordering Information

Article	Part No.	Description
MSM-e0	802400	PC/104™ SBC CPU T44R with (graphic, sound, press-fit connector options: PCI, ISA), 2x Gbit LAN
MSM-e0-N	802410	PC/104™ SBC CPU T24L, 1x Gbit LAN
1GB RAM DDR3 SODIMM	890680	1GB
2GB RAM DDR3 SODIMM	890681	2GB
4GB RAM DDR3 SODIMM	890682	4GB
PC/104 PCI connector	802313	Option PC/104 PCI press-fit connector
MSM-e0 Heat Spreader Kit	802408	Heat spreader, screw set included
MSM-PC104 Passive Cooler Kit	802314	Heat sink without fan including assembly material
MSM-PC104 Active Cooler Kit	802316	Heat sink with fan including assembly material
MSM-PC104 CK	802040	Line-In/Out or Mic-In, S/PDIF, 1Gb Ethernet (Interfaces), USB, VGA, COM single, SATA
Option Micro SD Flash, 4GB, Tiny Core Linux	872150	4GB
MSM-e0 Evalkit	802409	MSM-e0 Evalkit

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