

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

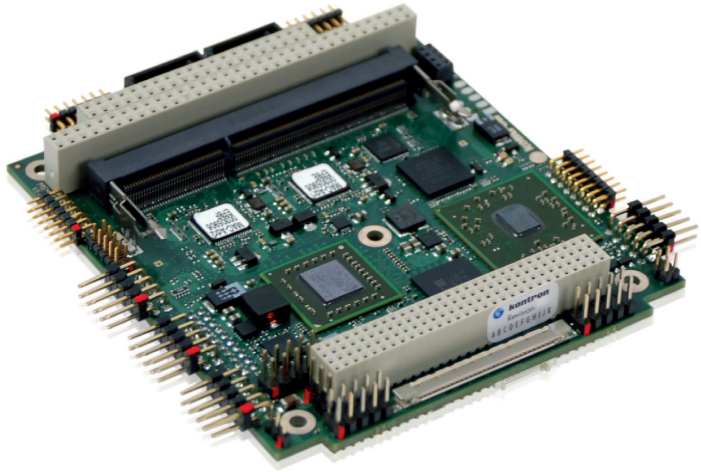
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Kontron MSM-eO* at our website: ***Click HERE***

» MICROSPACE® MSM-eO/-N «



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

» Most powerful graphics for long-term available PC/104-Plus™ designs
» For extremly 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

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching / Munich
Germany

Tel.: +49 8165 77 777
Fax: +49 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

Datasheet – MSM-e0N #03222013WMH
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP