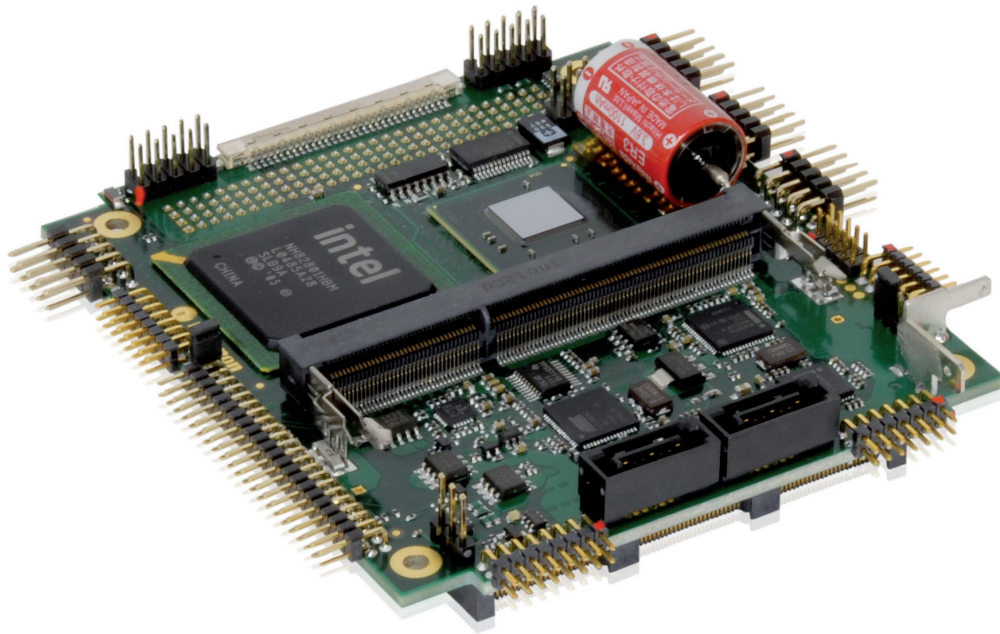


» MICROSPACE® MSM-LP «



MICROSPACE®



PCI/104-Express™ SBC with Intel® Atom™ processor D525 / D425

- » USB, SATA, PATA, COM, 2x Gbit LAN, DDR3
- » Highest Dual-Core energy for harsh environments
- » Extended temperature -40°C to +85°C available

MICROSPACE® MSM-LP

PCI/104-Express™ with Intel® Atom™ processor D525 / D425

Technical Information

Processor/Performance	Intel® Atom™ D525 (Dual Core)/1.8 GHz or D425/1.8 GHz
Chipset	Intel® 82801HM
Bus	
PCI Express-Bus	Option, on the bottom
PCI	Yes, on the bottom
Memory	Up to 4GB DDR3 SODIMM
Graphics	Int. graphic controller, multi display support
Video Memory	Up to 256 MB (UMA)
LCD interface	LVDS up to 1366x768 18bpp
CRT interface	Up to 2048x1536 @ 60Hz
Storage Interface	2x SATA300, 1xPATA
COM1 / COM2	RS232C or UART
COM3 / COM4	UART
USB	4x USB2.0, 2x USB2.0 on PCI Express Connector
Ethernet	2x Gbit LAN
Audio	HDA
Standard Temperature	0°C to +70°C
Extended Temperature	-40°C to +85°C available
Dimensions	90mm x 102mm
Option	RTC Battery 900mAh (typ. 10 years) Ethernet 1Gbit LAN Storage 4/8/16GB SSD
Special features	8x GPIO, 4x A/D, 2x D/A, PWM, boot from LAN, Watchdog, ECO Mode (minimal power consumption), soldered SSD (Solid State Drive) available with a minimum quantity ordered

Ordering Information

Article	Part-No.	Description
MSM-LP-D525	802350	MSMLP with Intel® Atom™ D525
MSM-LP-D425	802360	MSMLP with Intel® Atom™ D425
Option RAM DDR3 SODIMM	802365	1GB
Option RAM DDR3 SODIMM	802366	2GB
Option RAM DDR3 SODIMM	802367	4GB
Option PCI104 Connector	802313	PCI104 Connector
Option MSM-LP Heat Spreader Kit	802358	Heat spreader, screw set included
Option MSM-PC104 Passive Cooler Kit	802314	Passive cooler including assembly material
Option MSM-PC104 Active Cooler Kit	802316	Heat sink and fan including assembly material
Option MSM-PC104 CK	802040	DVI, Line-In/Out or Mic-In, S/PDIF, 1Gb Ethernet (Interfaces) and USB, VGA, COM single, SATA, LAN, audio, IDE (Cables)

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/ 77 279
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

