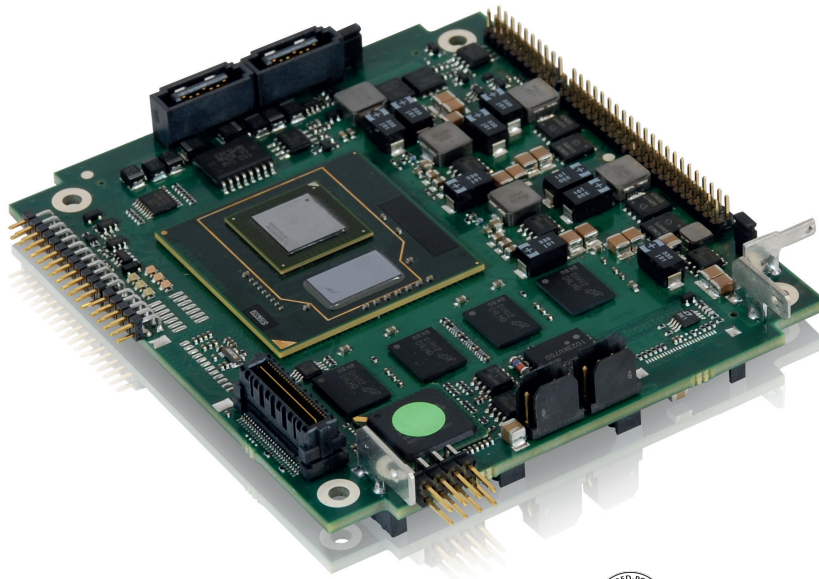


» MICROSPACE® MSMST «



MICROSPACE®

PCIe/104™ SBC with Intel® Atom™ processor E6x5C series

- » Flexible FPGA I/O configuration for application-specific requirements
- » HSMC for custom interfaces
- » Minimal space requirements
- » Extended temperature -40°C to +85°C available

Technical Information

Processor/Performance	Intel® Atom™ processor E6x5C series
IO-Controller	Altera® Arria II GX User programmable FPGA on Intel® Atom™ processor E6x5C package
Bus	
PCI Express®-Bus	Yes, on the bottom
HSMC	Yes, on the bottom
DRAM Min-Max	Soldered 512 - 2048 MB
Graphics	Int. graphic controller
Video Memory	Up to 256 MB (UMA)
LCD Interface	LVDS 18/24bit 1280x768 @ 60Hz
SDVO Interface	1280 x 1024 @ 85Hz
Storage Interface	2x SATA300
USB	2x USB2.0
Audio	HDA
TPM	Optional
Standard Temperature	0°C to +70°C
Extended Temperature	40°C to +85°C available
Dimension	90mm x 102mm
Special Features	Arria FPGA for custom interfaces (GPIO, UART, SPI, I2C, PCI, CAN, LPT, SD, ...) on HSMC
Option	MSMST Media Board VGA
Graphics	VGA, up to 1920x1200 with reduced blanking
RTC Battery	900mAh (typ. 10 years)
Ethernet	1Gbit LAN
Audio	2x Stereo (Mic, Line), SPDIF (OUT)

Ordering Information

Article	Part No.	Description
MSMST	802310	MICROSPACE® MSMST (with extended temperature Intel® Atom™ processor E665CT / 1.3GHz)*
MSMST MB DVI	802150	Media Board DVI
MSMST MB VGA	802151	Media Board VGA
Heatspreader MSMST	802315	Heatspreader (incl. assembly material)
MSM-PC104 Active Cooler	802316	Active Cooler (incl. assembly material)
MSMST-Evaluationkit DVI	802318	Eval-Kit DVI
MSMST-Evaluationkit VGA	802319	Eval-Kit VGA

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