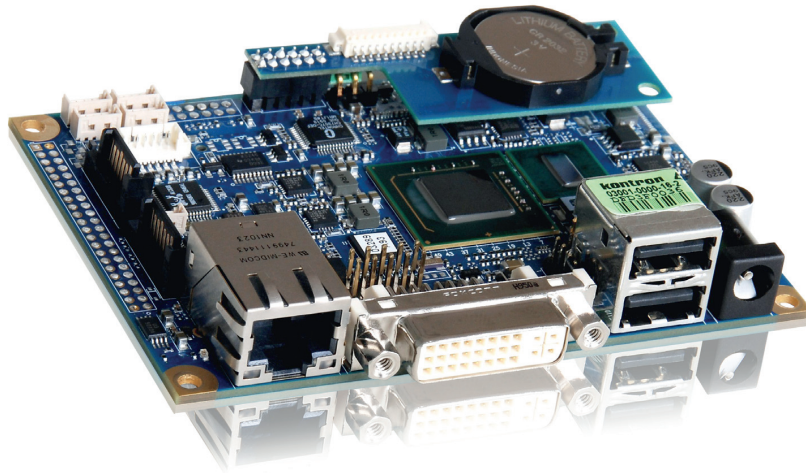


» pITX-SP 2.5" SBC «

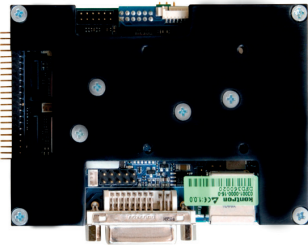
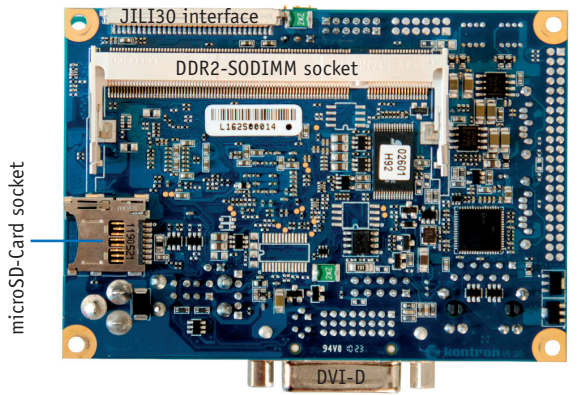
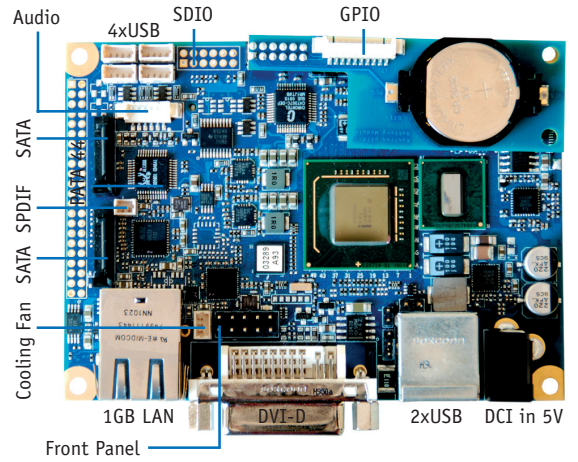


2.5" SBC with Intel® Atom™ CPU up to 1.6GHz on Pico-ITX™

- » Pico-ITX™ Small Form Factor 100 x 72 mm
- » Intel® Atom™ Z510 / Z530 processor
- » Intel® Chipset US15W
- » Dual SATA, PATA44 and bootable microSD support
- » High performance combined with lowest power consumption - perfect for ultrasmall and ultramobile applications!

Technical Information

Processor	Intel® Atom™ Z510/Z530 1.1/1.6 GHZ
Chipset	Intel® Chipset Hub US15W
Memory	1x DDR2 SO-DIMM up to 2GB
Ethernet	Intel® 82574L Gigabit Ethernet
Graphics	DirectX 9.0e, OpenGL 2.0, Shader based 2D and 3D dual independent graphics
Graphics Controller	Integrated decoders in Intel® Chipset US15W for MPG2 and H.264 / MPEG-4 AVC
Mass Storage	2x SATA II, 1x PATA 44 Master / Slave
USB	6x USB 2.0 (2x front panel, 4x internal)
Audio	HD Audio analog / SPDIF
I/O Features	8 Bit GPI/O, SDIO
Dimensions (H x W x D)	100 x 72mm (Pico-ITX)
Special Features	TPM 1.2, 1 x microSD socket
Temperature	Operating 0°C - 60°C (32°F ~140°F)
Power Supply / Consumption	5V DC, 5W typical



pITX-SP incl. mounted Heatspreader

Ordering Information

Article	Part No.	Description
<i>pITX-SP 1.1 GHz standard</i>	<i>pITX-SP 1.1 GHz standard</i>	<i>pITX-SP 1.1 GHz standard</i>
<i>pITX-SP 1.1 GHz basic</i>	<i>pITX-SP 1.1 GHz basic</i>	<i>pITX-SP 1.1 GHz basic</i>
<i>pITX-SP 1.6 GHz plus</i>	<i>pITX-SP 1.6 GHz plus</i>	<i>pITX-SP 1.6 GHz plus</i>
<i>pITX-SP 1.6 GHz standard</i>	<i>pITX-SP 1.6 GHz standard</i>	<i>pITX-SP 1.6 GHz standard</i>
<i>pITX-SP Accessory-Kit</i>	<i>pITX-SP Accessory-Kit</i>	<i>pITX-SP Accessory-Kit</i>
Recommended Memory Modules		
DDR2 SODIMM 512MB	DDR2 SODIMM 512MB	DDR2 SODIMM 512MB
DDR2 SODIMM 1GB	DDR2 SODIMM 1GB	DDR2 SODIMM 1GB
DDR2 SODIMM 2GB	DDR2 SODIMM 2GB	DDR2 SODIMM 2GB

CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@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 – pITX-SP #03222013WHH
 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.