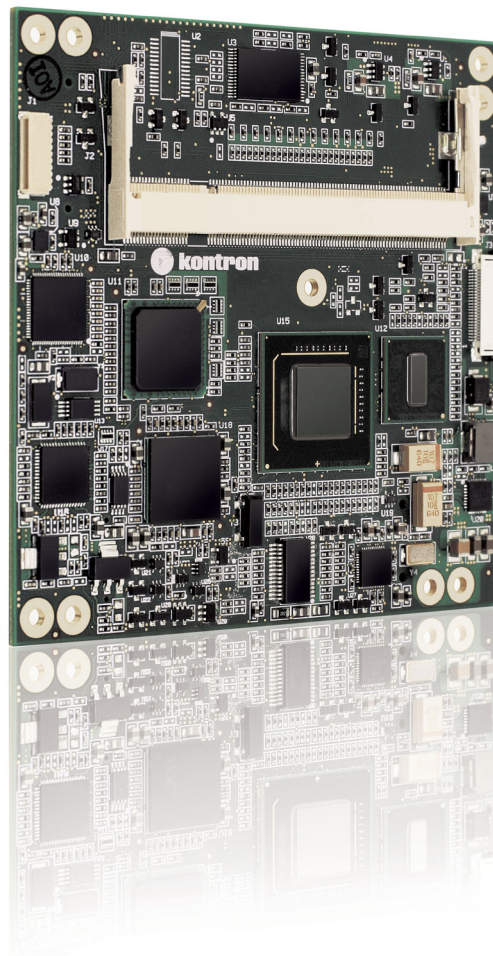


# » microETXexpress®-SP «



## Highest performance with ultra low voltage

- » Only 95 x 95 mm, COM Express™ compatible
- » Intel® Atom™ Z5xx series and Intel® SCH US15W
- » Up to 1 GByte DDR2 memory
- » USB Client, PCI Express, PCI, SATA
- » SDVO for HDMI, DVI, 24 bit LVDS

# microETXexpress®-SP

## Highest performance with ultra low voltage

### Technical Information

<b>Processor</b>	Intel® Atom™ processor Z510 (1.1GHz) and Z530 (1.6GHz)
<b>Cache</b>	32KB Instruction Cache + 24KB L1 Cache, 256/512KB L2 Cache
<b>Chipset</b>	Intel® System Controller Hub US15W
<b>Memory</b>	Up to 1GB 1x DDR2 (400/533) SO-DIMM
<b>Hard Disk</b>	Up to 2x SerialATA, 1x PATA
<b>USB</b>	8x USB 2.0 (1x USB client)
<b>PCI</b>	1x PCI (PCIe to PCI bridge for PCI Bus)
<b>PCI Express</b>	2 to 5 PCIe x1 are supported
<b>Ethernet</b>	10/100/1000 Mbit Intel® 82574L
<b>Sound</b>	Intel® High Definition Audio
<b>Video Controller</b>	Integrated Intel® Graphics, Intel® GMA 500, HDTV/HD capable, Decoder for MPEG2(HD)/H.264 Up to 256 MB UMA
<b>LVDS Resolutions</b>	Single Channel LVDS 18/24 bit WXGA 1366x768
<b>Operating Systems</b>	Windows® XP, Windows® XP Embedded, Windows® CE, Linux, VxWorks and others
<b>Other Features</b>	SD/MMC socket onboard, SDIO shared with GPIO, LPC
<b>Form Factor / Pin-Out Type</b>	95 x 95 mm Fully COM Express™ Pin-out Type 2 compatible
<b>Power Consumption</b>	typ. Idle ~ 7W @ Intel® Atom™ Z530 with 1.6 GHz 8.5 V – 18 V Wide Range Power Supply
<b>Temperature (*)</b>	Operation: 0° to 60°C Storage: -30° to 85°C
<b>Humidity</b>	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(\*) Ask about extended temperature ranges

### Ordering Information

Article	Part-No.	Description
<a href="#">microETXexpress®-SP-11</a>	36003-0000-11-1	microETXexpress®-SP with 1.1GHz Intel® Atom™ Z510
<a href="#">microETXexpress®-SP-16</a>	36003-0000-16-1	microETXexpress®-SP with 1.6GHz Intel® Atom™ Z530
<a href="#">microETXexpress®-SP-HSP, threaded</a>	36003-0000-99-0	Heatspreader for microETXexpress®-SP, with 2.5mm thread hole corner standoff
<a href="#">microETXexpress®-SP-HSP, through</a>	36003-0000-99-1	Heatspreader for microETXexpress®-SP, with through 2,7mm hole corner standoff
<a href="#">microETXexpress®-SP-HSK, passive</a>	36003-0000-99-0C02	Heatsink for microETXexpress®-SP, threaded 2,5mm corner standoff, w/o fan
<a href="#">DDR2 SODIMM-512MB 4 chips</a>	97011-5120-00-4	DDR2 SDRAM 4 chip version for microETXexpress®-SP
<a href="#">DDR2 SODIMM-1GB 8 chips</a>	97011-1024-00-4	DDR2 SDRAM 8 chip version for microETXexpress®-SP

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