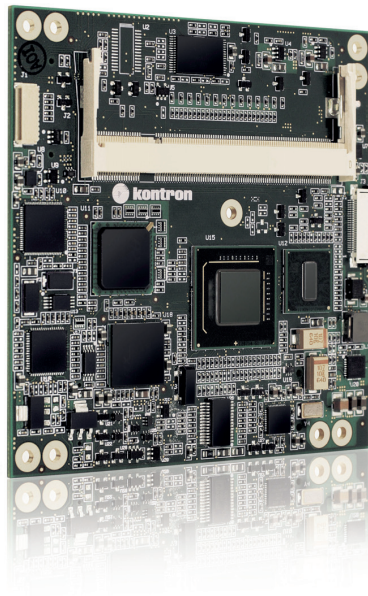


» COMe-cSP2 «



COM 
Express®

Atom™ performance with ultra low voltage

- » COM Express® compact compatible, 95 x 95 mm
- » Intel® Atom™ Z5xx series with Intel® SCH US15W
- » USB Client, PCI Express, PCI, SATA
- » SDVO for HDMI, DVI, 24 bit LVDS

Technical Information

Processor	Intel® Atom™ processor Z510 (1.1GHz) and Z530 (1.6GHz)
Cache	32KB Instruction Cache + 24KB L1 Cache, 512KB L2 Cache
Chipset	Intel® System Controller Hub US15W
Memory	Up to 2 GB 1x DDR2 (400/533) SODIMM
Hard Disk	Up to 2x SerialATA, 1x PATA miniSD socket available on Americas versions only (36003-0000-11-4 and 36003-0000-16-4)
USB	8x USB 2.0 (1x USB client)
PCI	1x PCI (PCIe to PCI bridge for PCI Bus)
PCI Express	2 to 5 PCIe x1 are supported
Ethernet	10/100/1000 Mbit Intel® 82574L
Sound	Intel® High Definition Audio
Video Controller	Integrated Intel® Graphics, Intel® GMA 500, HDTV/HD capable, Decoder for MPEG2(HD)/H.264 Up to 256 MB UMA
Display Interfaces	Single Channel LVDS 18/24 bit WXGA 1366x768 SDVO 1920x1080
Operating Systems	Windows® XP, Windows® XP Embedded, Windows® CE, Linux, VxWorks and others
Other Features	SDIO shared with GPIO, LPC, Fast I ² C, K-station and JIDA support
Form Factor / Pin-Out Type	COM Express® compact: 95 x 95 mm Pin-out Type 2
Power Consumption	Typ. Idle ~ 7W @ Intel® Atom™ Z530 with 1.6 GHz 8.5 V – 18 V Wide Range Power Supply
Temperature (*)	Operation: 0°C to 60°C Storage: -30°C to 85°C
Humidity	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(*) Ask about extended temperature ranges

Ordering Information

Article	Part No.	Description
COMe-cSP2-11	36003-0000-11-1	COMe-cSP2 with 1.1GHz Intel® Atom™ Z510 (not available in the Americas)
COMe-cSP2-16	36003-0000-16-1	COMe-cSP2 with 1.6GHz Intel® Atom™ Z530 (not available in the Americas)
COMe-cSP2 Z510	36003-0000-11-4	COMe-cSP2 with Intel® Atom™ Z510 and onboard miniSD socket (available in the Americas)
COMe-cSP2 Z530	36003-0000-16-4	COMe-cSP2 with Intel Atom Z530 and onboard miniSD socket (available in the Americas)
HSP-COMe-cSP2 threaded	36003-0000-99-0	Heatspreader for COMe-cSP2, with 2.5mm thread hole corner standoff
HSP-COMe-cSP2 through	36003-0000-99-1	Heatspreader for COMe-cSP2, with through 2.7mm hole corner standoff (not available in the Americas)
HSK-COMe-cSP2 w/o Fan	36003-0000-99-0C02	Heatsink for COMe-cSP2, threaded 2.5mm corner standoff, w/o fan

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