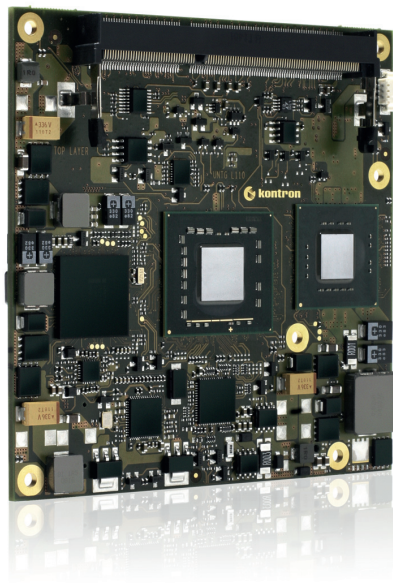


» COMe-cPC2 «



COM 
Express®

C  **US**

Highest performance on just 95x95 mm

- » Up to Intel® Core™2 Duo in 45nm
- » COM Express® compact, Pin-out Type 2
- » Intel® GS45 and DDR3 memory
- » Highest performance with ultra low voltage

Technical Information

Processor	Intel® Core™2 Duo up to 1.86 GHz, 45 nm Intel® Celeron® M Processor 722 and 723 with 1.2 GHz, 45nm
Chipset	Intel® GS45, Intel® ICH9M SFF
Memory	Up to 4 GB DDR3 SO-DIMM (667/800/1066 MHz)
Hard Disk	3x SerialATA 300 (AHCI; RAID 0, 1), 1x PATA
USB	8x USB 2.0
PCI	PCI 2.3, 32 bit/33 MHz
PCI Express	5 PCI Express x1 (1 PCI Express x4 possible), 1 PEG x16
Ethernet	10/100/1000 Mbit Ethernet, Intel® 82567
Sound	Intel® High Definition Audio
Video Controller	Intel® GMA X4500 integrated in Intel® GS45 (DirectX® 10, PS 4.0, up to 1024 MB with DVMT 5.0), 1 PEG x16 Dual SDVO multiplexed with PEG, HDMI and DisplayPort support
Display Interfaces	Single/Dual LVDS 18/24 bit up to UXGA LVDS up to UXGA (1600x1200), CRT up to QXGA (2048x1536) Dual SDVO, HDMI, DisplayPort, JILI support
Operating Systems	Windows® 7, Windows Vista®, Windows® XP, Windows® XP Embedded, Windows® CE, Linux, VxWORKS and others
Security Features	TPM 1.2 integrated in ICH9M SFF, HDCP 1.2
Other Features	ACPI 3.0, LPC, K-station and JIDA support, Watchdog, RTC, JRC support, Fast I²C
Form Factor	COM Express® compact: 95x95mm Pin-out Type 2
Power Consumption	typ. Idle ~7.5W @ Intel® Core™2 Duo SU9300 8.5 V – 18 V Wide Range Power Supply
Temperature (*)	Operation: 0° to 60°C Storage: -30° 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-cPC2 SL9400	36004-0000-19-2	Intel® Core™2 Duo SL 9400 Low Voltage, 1.86 GHz, 6 MB L2 Cache
COMe-cPC2 SU9300	36004-0000-12-2	Intel® Core™2 Duo SU 9300 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache
COMe-cPC2 722	36004-0000-12-1	Intel® Celeron® M Processor 722 (5.5W TDP) Ultra Low Voltage, 1.2 GHz, 1 MB L2 Cache
COMe-cPC2 723	36004-0000-12-3	Intel® Celeron® M Processor 723 (10W TDP) Ultra Low Voltage, 1.2 GHz, 1 MB L2 Cache
HSP-COMe-cPC2 threaded	36004-0000-99-0	Heatspreader for COMe-cPC2, threaded stand off
HSP-COMe-cPC2 through	36004-0000-99-1	Heatspreader for COMe-cPC2, through hole stand off
HSK-COMe-cPC2 w/o Fan	36004-0000-99-0C02	Passive Heatsink for COMe-cPC2, threaded stand-off, w/o fan
HSK-COMe-cPC2 w/ Fan	36004-0000-99-0C01	Active Heatsink for COMe-cPC2, threaded stand-off, w/ 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