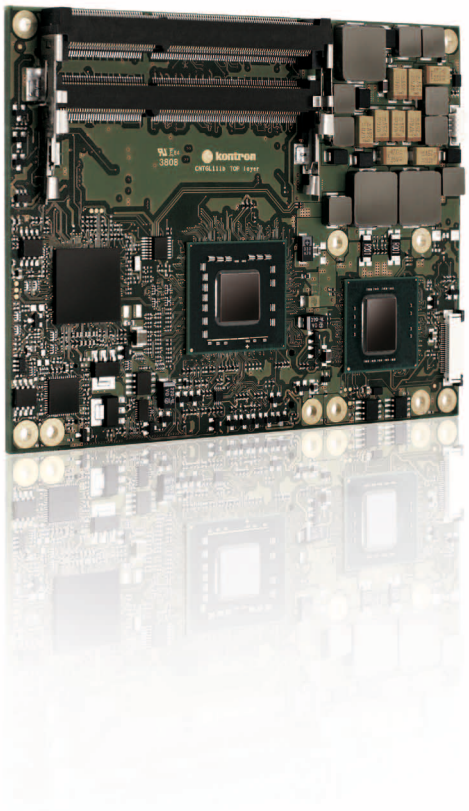
» ETXexpress®-PC-XT «



Highest Performance for COM Express®

» Intel® Core™2 Duo with Intel® GS45 and ICH9M SFF

» Hardened module re-engineered for proven, reliable use in extreme temperatures.

» DDR3 SO-DIMM up to 8 GB, dual channel

» 3x SerialATA with RAID, DirectX® 10

» For US Customers:
Kontron is registered with the Office of Defense Trade Controls Compliance.

Technical Information

Processor	Intel® Core™2 Duo up to 1.86 GHz, 45 nm Intel® Celeron® M Processor 722 with to 1.2 GHz, 45 nm
Chipset	Intel® **GS45** with Intel® ICH9M SFF
Memory	Up to 8 GB DDR3 SO-DIMM (800/1066 Mhz) dual channel
Hard Disk	3x SerialATA 300 (AHCI; RAID 0,1), 1x PATA (Master)
USB	8x USB 2.0
PCI	PCI 2.3, 32 bit/33MHz
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 shared with PEG, HDMI and DisplayPort
LVDS and CRT Resolutions	LVDS up to UXGA (1600x1200), CRT up to QXGA (2048x1536)
LVDS Panel Support	Single and Dual Channel LVDS 18/24 bit
Operating Systems	Windows Vista®, Windows® XP, Windows® XP Embedded, Windows® CE, VxWORKS, Linux and others
Security Features	TPM 1.2 integrated in ICH9M SFF
Other Features	ACPI 3.0, LPC, JIDA support, Watchdog, RTC, JRC support
Form Factor	125 x 95 mm COM Express® Type 2
Power Consumption	typ. Idle 8.13W @ Intel® Core™2 Duo SL9400 8.5V – 18V Wide Range Power Supply
Temperature	Operation: -40°C to +85°C Storage: -40° to 85°C
Humidity	Operation: 10% to 90% Storage: 5% to 95% (non condensing)
Test Reports	The following test reports are available upon request: Temperature Cycle Testing, HASS, and Shock/Vibration Testing.

Ordering Information

Article	Part-No.	Description
ETXexpress®-PC 722 XT	38011-0000-12-1	Intel® Celeron® M Processor 722 Ultra Low Voltage, 1.2GHz, 3MB L2 Cache, XT
ETXexpress®-PC SU9300 XT	38011-0000-12-2	Intel® Core™2 Duo SU9300 Ultra Low Voltage, 1.2GHz, 3MB L2 Cache, XT
ETXexpress®-PC SL9400 XT	38011-0000-19-2	Intel® Core™2 Duo SL9400 Low Voltage, 1.86GHz, 6MB L2 Cache, XT
HSP ETXe-PC thread	38008-0000-99-0	ETXe-PC heatspreader plate w/ threaded holes
HSP ETXe-PC through	38008-0000-99-1	ETXe-PC heatspreader plate w/ through holes
HSK ETXe-PC active	38008-0000-99-0C01	ETXe-PC active heatsink
HSP ETXe-PC passive thread	38008-0000-99-0C02	ETXe-PC passive heatsink w/ threaded holes
HSP ETXe-PC through passive	38008-0000-99-1C02	ETXe-PC passive heatsink w/ through holes
1GB DDR3 E2 Extended Temperature memory module	97015-1024-00-1	DDR3 SDRAM-SODIMM 1024MB E2
2GB DDR3 E2 Extended Temperature memory module	97015-2048-00-1	DDR3 SDRAM-SODIMM 2048MB E2
4GB DDR3 E2 Extended Temperature memory module	97015-4096-00-1	DDR3 SDRAM-SODIMM 4096MB E2

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#ETXexpress-PC-XL# 02112011PDL
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