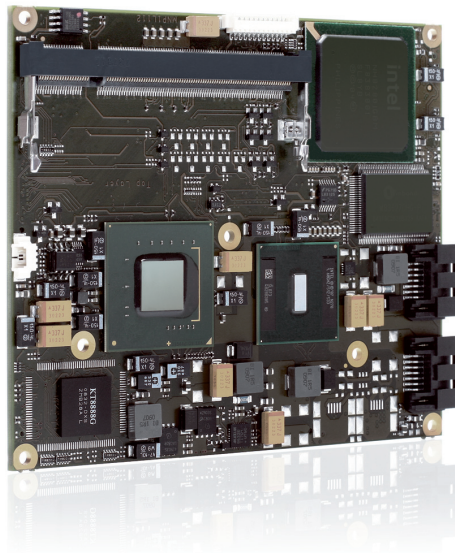


» ETX®-DC «



ETX® 3.0
Long Term Support



Atom™ technology for ETX® 3.0

- » Intel® Atom™ N270 processor in 45 nm with Hyperthreading
- » Fanless use
- » 2x SerialATA
- » Up to 2 GB DDR2 memory
- » Replacement for ETX®-PM and ETX®-PM3

ETX[®]-DCAtom[™] technology for ETX[®] 3.0

Technical Information

Processor	Intel [®] Atom [™] N270 with 1.6 GHz
Cache	512 kB L2 Cache
Chipset	Intel [®] 945GSE, Intel [®] ICH7M
Memory	Up to 2 GB DDR2 (400/533) SODIMM
Hard Disk	2x SerialATA (AHCI), 2x PATA
USB	4x USB 2.0, optional 2x USB 2.0 onboard
PCI	PCI 2.3, 32 bit / 33 MHz
ISA	ISA Bus (ETX [®] 3.0 compliant)
Ethernet	10/100 MBit Ethernet, Intel [®] 82562V
Sound	AC97, HDA Codec Realtek ALC888
Video Controller	Integrated with Intel [®] Graphics Media Accelerator (GMA950, DirectX [®] 9, PS 2.0) Up to 224 MByte DVMT 3.0
Graphic Interfaces	SDVO, Dual Channel LVDS 18 bit or 24 bit up to UXGA (1600 x 1200), CRT up to QXGA (2048 x 1536), TVout
Legacy Interfaces	2x Serial (TTL signal), Enhanced Parallel Port shared with Floppy Port
Security Features	Optional TPM SLB9635TT1.2 onboard
Other Features	K-station and JIDA-Support, IrDA 1.1 enhanced, WakeOnLan, Watchdog, I ² C Bus, RTC, Suspend states, DisplayID
Operating Systems	Windows [®] 7, Windows Vista [®] , Windows [®] XP, Windows [®] XP Embedded, Windows [®] CE, Linux, VxWorks and others
Form Factor	ETX [®] 3.0 compliant 95 x 114 mm
Power Consumption	Typ. Idle ~ 10.5 W
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
ETX [®] -DC	18039-0000-16-2	Intel [®] Atom [™] N270 with 1.6 GHz, 512 kb L2 Cache, 18 bit LVDS
ETX [®] -DC	18039-0000-16-4	Intel [®] Atom [™] N270 with 1.6 GHz, 512 kb L2 Cache, 24 bit LVDS
ETX [®] -DC-HSP, threaded	18039-0000-99-0	Heatspreader for ETX [®] -DC threaded stand off
ETX [®] -DC-HSP, through	18039-0000-99-1	Heatspreader for ETX [®] -DC through-hole
ETX [®] -DC-HSK, passive	18039-0000-99-0C01	Passive Heatsink for ETX [®] -DC, threaded 2,5mm corner standoff, without fan

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching / Munich
Germany

Tel.: +49 8165 77 777
Fax: +49 8165 77 219
info@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

