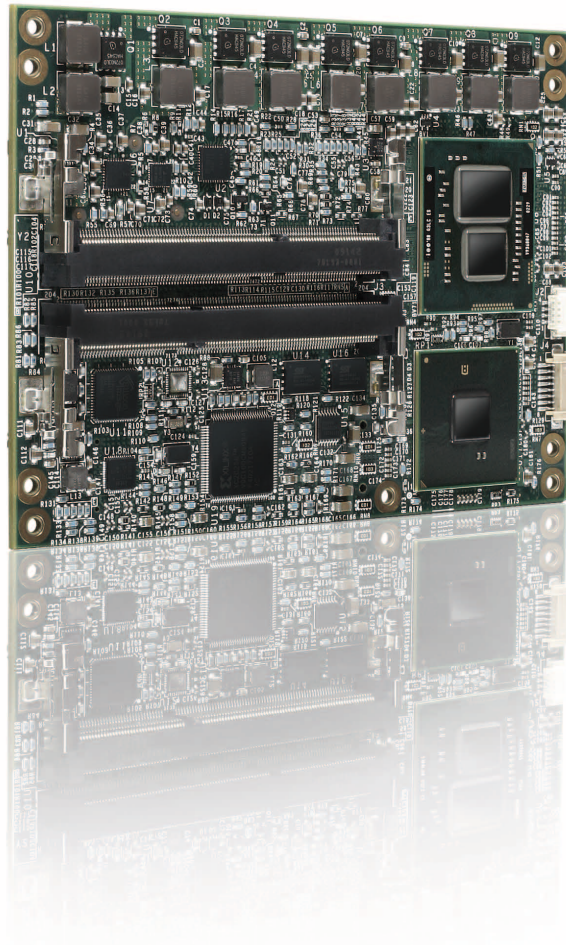


» ETXexpress®-AI «



COM 
Express

High performance COM Express™ Basic FF module for Pin-out Type 2 and 6

- » Processor performance up to Intel® Core™ i7 SV (2.53GHz)
- » Up to 8GB DDR3 memory with ECC
- » Outstanding graphics performance

Technical Information

	ETXexpress®-AI T2, COM Express™ Pin-out Type 2 (38010-0000-xx-x)	ETXexpress®-AI T6, COM Express™ Pin-out Type 6 (38012-xxxx-xx-x)
Processor	Intel® Core™ i7 and i5 processors up to 2.53 GHz	
Cache	up to 4M L2	
Chipset	Intel® Mobile QM57 Platform Controller Hub	
Memory	Up to 8 GB DDR3 S0-DIMM, Dual Channel with ECC support	
Hard Disk	4x SerialATA 300, 1x PATA	4x SerialATA 300
USB	USB 2.0, 8 ports	
PCI	PCI Rev 2.3 @ 33MHz (only Type 2)	-
PCI Express	6 PCI Express x1, 1 PEG x16	7 PCI Express x2, 1 PEG x16
Ethernet	10/100/1000 MBit, Intel® 82557	
Sound	Intel® High Definition Audio	
Flat Panel Interface	VGA, LVDS, PEG multiplexed w/ embedded DisplayPort	VGA, LVDS, 3x DDI (SDVO/DP/DVI/HDMI), PEG multiplexed w/ embedded DisplayPort
Power Management	ACPI 3.0	
Wide Range Support	8 V - 18 V	
Power Consumption (typ.)	20W-40W (estimate)	
Operating Systems	Windows® 7, Windows Vista®, Windows® XP, Windows® XP embedded, Windows® CE, Linux and others	
Other Features	K-station and JIDA support, SM Bus, Watchdog, RTC	
Form Factor	125 x 95 mm COM Express™ basic, COM Express™ Pin-out Type 2	125 x 95 mm COM Express™ basic, COM Express™ Pin-out Type 6
Temperature (*)	Operation: 0° to 60°C (-25° to 75°C available), 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
ETXexpress®-AI i7 SV, Type 2	38010-0000-25-2	Intel® Core™ i7-610E SV (2.53GHz, 4M L2)
ETXexpress®-AI i5 SV, Type 2	38010-0000-24-2	Intel® Core™ i5-520E SV (2.40GHz, 3M L2)
ETXexpress®-AI i7 LV, Type 2	38010-0000-20-2	Intel® Core™ i7-620LE LV (2.0GHz, 4M L2)
ETXexpress®-AI i7 ULV, Type 2	38010-0000-11-2	Intel® Core™ i7-620UE ULV (1.06GHz, 4M L2)
ETXexpress-AI i7 SV Type 6	38012-0000-25-2	Core i7-610E SV (2.53GHz, 4M L2)
ETXexpress-AI i5 SV Type 6	38012-0000-24-2	Core i5-520E SV (2.40GHz, 3M L2)
ETXexpress-AI i7 LV Type 6	38012-0000-20-2	Core i7-620LE LV (2.0GHz, 4M L2)
ETXexpress-AI i7 ULV Type 6	38012-0000-11-2	Core i7-620UE ULV (1.06GHz, 4M L2)
ETXexpress®-AI HSK, active	38010-0000-99-0C01	Active Heatsink for ETXexpress®-AI with fan, threaded holes
ETXexpress®-AI HSK, passive	38010-0000-99-0C02	Passive Heatsink for ETXexpress®-AI without fan, threaded holes

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
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

