

» ETXexpress[®]-SC «



Quad Core Performance and USB 3.0 on COM Express[®]

- » COM Express[®] basic Type 2 or Type 6 module
- » 2nd Generation Intel[®] Core[™] i7 and Core[™] i5 with QM67
- » 16 GB DDR3 with ECC support
- » USB 3.0 and new DDI graphic interfaces

ETXexpress®-SC

Quad Core Performance and USB 3.0 on COM Express®

Technical Information

	ETXexpress®-SC T2 COM Express® basic, Pin-out Type 2 (38013-0000-xx-x)	ETXexpress®-SC T6 COM Express® basic, Pin-out Type 6 (38014-0000-xx-x)
Processor	Intel® Core™ i7-2715QE (4x 2.1 GHz, Turbo Mode), Core™ i5-2515E (2x 2.5 GHz) with Turbo 2.0, further CPU Core™ i7, i5, i3 and Celeron® variants will follow later	
Chipset	Intel® Mobile QM67	
Memory	Up to 16 GB DDR3 SO-DIMM (800/1066/1333 MHz), Dual channel with ECC support	
Hard Disk	2x SATA with 6Gb/s, 2x SATA 3Gb/s, 1x PATA	2x SATA with 6Gb/s, 2x SATA with 3Gb/s
USB	8x USB 2.0 (UHCI/EHCI)	2x USB 3.0 (XHCI, fully compatible to USB 2.0) and 6x USB 2.0 (UHCI/EHCI) or alternatively 8x USB 2.0 (UHCI/EHCI)
PCI	PCI Rev 2.3 @ 33 MHz	
PCI Express	5x PCI Express Gen 2.0 x1, 1x PEG x16	7x PCI Express x1 Gen 2.0, 1x PEG x16 (Gen 2.0)
Ethernet	10/100/1000 MBit Ethernet, Intel® 82579	
Sound	Intel® High Definition Audio	
Graphics Controller	Intel® iGFX HD3000 (Gen6) with integrated DirectX® 10.1, PS 4.0, OpenGL 3.0, De-/Encoder for MPEG2, VC-1, AVC, Blu-Ray support (3D), HDCP 1.4, Dual Independent Display Support	
Graphics Memory	tbd	
Display Interfaces	1x DisplayPort/embedded DP/SDVO/HDMI/DVI multiplexed with PEG port 1x CRT up to QXGA (2048x1536) 1x Dual Channel LVDS 18/24 bit up to UXGA (1600x1200)	1x DDI: SDVO, DP++ (DisplayPort/HDMI/DVI) 1x DDI: embedded DP, DP++ (DisplayPort/HDMI/DVI) 1x DDI: DP++ (DisplayPort/HDMI/DVI) 1x CRT up to QXGA (2048x1536) 1x Dual Channel LVDS 18/24 bit up to UXGA (1600x1200)
Operating Systems	Windows® 7, Windows Vista®, Windows® XP, Windows® XP embedded, Windows® CE, VxWORKS, Linux and others	
Security Features	Infineon TPM 1.2 SLB9635TT, optional Intel® vPro™ support (esp. AMT 7.0, TXT)	
Other Features	POSCAP capacitors, ACPI 3.0, SPI, LPC, K-station and JIDA driver support, Staged Watchdog, RTC, S5 Eco, Fast I²C	
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
Power Supply	8.5V – 18V Wide Range, Single Supply Support	
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
ETXexpress®-SC T2 17-2715QE	38013-0000-21-4	Intel® Core™ i7-2715QE, 4x 2.1 GHz (Turbo 2.0, Hyperthreading), 6 MB L2 Cache, Intel® QM67, COM Express® Pin-out Type 2
ETXexpress®-SC T2 15-2515E	38013-0000-25-2	Intel® Core™ i5-2515E, 2x 2.5 GHz (Turbo 2.0, Hyperthreading), 6 MB L2 Cache, Intel® QM67, COM Express® Pin-out Type 2
HSK ETXexpress®-SC, active	38013-0000-99-0C05	Active Heatsink for ETXexpress®-SC, threaded, with fan and setscrew Compatible to Pin-out Type 2 (38013-0000-xx-x) and Pin-out Type 6 (38014-0000-xx-x) modules
HSP ETXexpress®-SC	38013-0000-99-0	Heatspreader for ETXexpress®-SC, threaded, use for Dual Core modules only (38013-0000-xx-2, 38014-0000-xx-2)

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