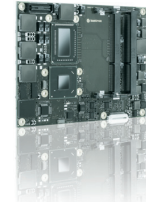


COM EXPRESS® basic

Tech Specs At-a-Glance



COM EXPRESS® basic

COMe-bHL6

COMe-bHL6RXT

COMe-bSC2RXT

COMPLIANCE	COM Express® basic, Pin-out Type 6	COM Express® basic, Pin-out Type 6	COM Express® basic, Pin-out Type 2
DIMENSIONS (H X W X D)	125 x 95 mm	125 x 95 mm	125 x 95 mm
CPU	Intel® Core™ i7-4860EQ, i7-4850EQ, i7-4700EQ, i5-4410E, i5-4400E, i5-4422E, i5-4402E, i3-4110E, i3-4100E, i3-4112E, i3-4102E Intel® Celeron® 2000E, 2002E	Intel® Core™ i7-4700EQ, i7-4860EQ, i5-4410E, i7-4400E	Intel® Core™ i7-2655LE, Intel® Core™ i7-2610UE
CHIPSET	Intel® Mobile QM87 (Core™ i5, i7) Intel® Mobile HM86 (Core™ i3 & Celeron®)	Intel® Mobile QM87	Intel® Mobile QM67 (Core™ i7)
MAIN MEMORY	2x DDR3L-1600 SO-DIMM up to 2x 8GB	2x DDR3L-1600 ECC SO-DIMM up to 2x 8GB	2x DDR3-1333 ECC SO-DIMM up to 2x 8GB
GRAPHICS CONTROLLER	Intel® HD5200 (GT3e), Intel® HD4600 (GT2), Intel® HD Graphics (GT1)	Intel® HD5200 (GT3e), Intel® HD4600 (GT2)	Intel® HD3000 (GT2)
ETHERNET CONTROLLER	Intel® I218LM	Intel® I218LM	Intel® 82579LM
ETHERNET	10/100/1000 MBit Ethernet	10/100/1000 MBit Ethernet	10/100/1000 MBit Ethernet
HARD DISK	QM87: 3x SATA 6Gb/s, 1x SATA 3Gb/s HM86: 2x SATA 6Gb/s, 2x SATA 3Gb/s	QM87: 3x SATA 6Gb/s, 1x SATA 3Gb/s	2x SATA 6Gb/s, 2x SATA 3Gb/s, 1x PATA
PCI EXPRESS® / PCI SUPPORT	7x PCIe x1, 1x PEG x16	7x PCIe x1, 1x PEG x16	1x PEG x16, 5x PCIe x1, PCI Rev 2.3 @ 33 MHz
PANEL SIGNAL	DDI1: DP++, DDI2: DP++, DDI3: DP++, VGA: Yes, LVDS: Dual Channel 18/24bit	DDI1: DP++, DDI2: DP++, DDI3: DP++, VGA: Yes, LVDS: Dual Channel 18/24bit	DDI1: DP++ or SDVO, DDI2: DP++, DDI3: DP++ or eDP, VGA: Yes, LVDS: Dual Channel 18/24bit
USB	4x USB 3.0 + 4x USB 2.0	4x USB 3.0 + 4x USB 2.0	8x USB 2.0
SERIAL	2x serial interface (RX/TX only)	2x serial interface (RX/TX only)	-
AUDIO	Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio
COMMON FEATURES	SPI, LPC, SMB, Fast I ² C, Staged Watchdog, RTC, MARS	SPI, LPC, SMB, Fast I ² C, Staged Watchdog, RTC, MARS	SPI, LPC, SMB, Fast I ² C, Staged Watchdog, RTC, MARS
BIOS	Phoenix Secure Core UEFI	Phoenix Secure Core UEFI	AMI Aptio UEFI
OPTIONS	1x PCIe x1 additional w/o onboard LAN, vPRO (AMT/TXT/AES Support), eDP instead of LVDS	1x PCIe x1 additional w/o onboard LAN, vPRO (AMT/TXT/AES Support), eDP instead of LVDS	1x PCIe x1 additional w/o onboard LAN, vPRO (AMT/TXT/AES Support)
POWER MANAGEMENT	ACPI 4.0, S5 Eco	ACPI 4.0, S5 Eco, Kontron Rapid Shut down Technology	ACPI 4.0, S5 Eco, Kontron Rapid Shut down Technology
POWER SUPPLY	8.5V – 20V Wide Range, Single Supply Power	ATX or 12V Single Supply Power	ATX or 12V Single Supply Power
SPECIAL FEATURES	POSCAP capacitors, Trusted Platform Module TPM 1.2, 4k Resolutions, Flexible PEG lane configuration by Setup Option	POSCAP capacitors, Trusted Platform Module TPM 1.2, 4k Resolutions, Flexible PEG lane configuration by Setup Option	POSCAP capacitors, Trusted Platform Module TPM 1.2 PEG/DDI sharing
OPERATING SYSTEM	Windows® 8, Windows® 7, WEBS, WE57, Linux, VxWorks	Windows® 8, Windows® 7, WEBS, WE57, Linux, VxWorks	Windows® 8, Windows® 7, WE57, WinXP, XPe, Linux, VxWorks
TEMPERATURE	Commercial temperature: 0°C to +60°C operating Extended temperature: -25°C to +75°C operating	Industrial temperature: -40°C to +85°C operating	Industrial temperature: -40°C to +85°C operating



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<http://www.kontron.com/products/boards-and-standard-form-factors/com-express>