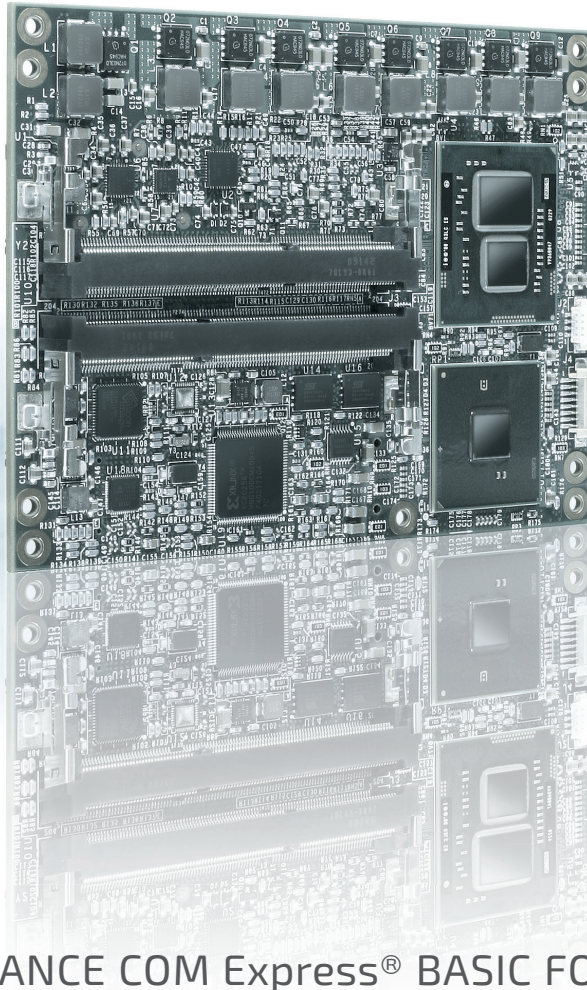


COMe-bAI#



**COM
Express®**



HIGH PERFORMANCE COM Express® BASIC FOR PIN-OUT TYPE 2 AND 6

- ▶ processor performance up to Intel® Core™ i7 SV (2.53GHz)
- ▶ up to 8GB DDR3 memory with ECC
- ▶ supporting VGA, LVDS and 3x DDI

POSSIBILITIES START HERE



COMe-bAI#

HIGH PERFORMANCE COM Express® BASIC FOR PIN-OUT TYPE 2 AND 6

► TECHNICAL INFORMATION

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 SODIMM, Dual Channel with ECC support
HARD DISK	Type 2: 4x SerialATA 300, 1x PATA Type 6: 4x SerialATA 300
USB	USB 2.0, 8 ports
PCI	PCI Rev 2.3 @ 33MHz (only Type 2)
PCI EXPRESS®	Type 2: 6 PCI Express® x1, 1 PEG x16 Type 6: 7 PCI Express® x2, 1 PEG x16
ETHERNET	10/100/1000 MBit, Intel® 82557
SOUND	Intel® High Definition Audio
FLAT PANEL INTERFACE	Type 2: VGA, LVDS, PEG (Multiplexed w/ eDP is optional but not supported by the out-of-box BIOS) Type 6: VGA, LVDS, 1x DDI (SDVO/DVI/DP/HDMI), 2x DDI (DVI/DP/HDMI), PEG Multiplexed w/ eDP is optional but not supported by the out-of-box BIOS
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 or 6
TEMPERATURE (*)	Operation: 0°C to 60°C (-25°C to 75°C available), Storage: -30°C to 85°C
HUMIDITY	Operation: 10% to 90%, Storage: 5% to 95% (non condensing)

► ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
COME-BAI2 610E	38010-0000-25-2	Intel® Core™ i7 SV (2.53GHz, 4M L2)
COME-BAI2 520E	38010-0000-24-2	Intel® Core™ i5 SV (2.40GHz, 3M L2)
COME-BAI2 620LE	38010-0000-20-2	Intel® Core™ i7 LV (2.0GHz, 4M L2)
COME-BAI2 620UE	38010-0000-11-2	Intel® Core™ i7 ULV (1.06GHz, 4M L2)
COME-BAI2 P4505	38010-0000-18-1	Intel® Celeron® P4505 (1.86 GHz, 2M L2)
COME-BAI2 THREADED	38010-0000-99-0	Heatspreader for COMe-bAI2, threaded 2.5mm stand off
COME-BAI2 THROUGH	38010-0000-99-1	Heatspreader for COMe-bAI2, through 2.7mm hole stand off
COME-BAI6	On request	Intel® Core™ i5/i7 with COM Express® Pin-out Type 6

► CORPORATE OFFICES

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