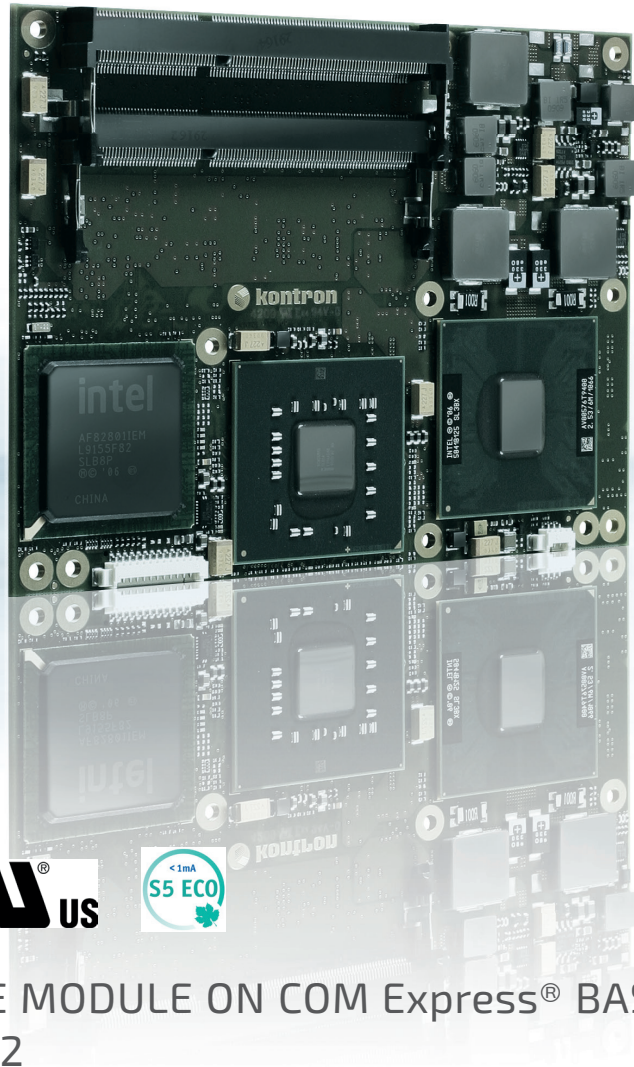


# COMe-bPC2



**COM Express®**

**CRAUS**



PERFORMANCE MODULE ON COM Express® BASIC  
PIN-OUT TYPE 2

- ▶ up to Intel® Core™2 Duo, 45nm
- ▶ Intel® G545/GM45/GL40 and ICH9M
- ▶ DDR3 SODIMM up to 8 GB, dual channel
- ▶ 4x SerialATA with RAID, DirectX® 10

POSSIBILITIES START HERE



## ▶ TECHNICAL INFORMATION

	SFF SMALL FORM FACTOR (38008-0000-XX-X)	PP PERFORMANCE PACKAGE (38009-0000-XX-X)
PROCESSOR	Intel® Core™2 Duo up to 2.26 GHz SFF Intel® Celeron® 722	Intel® Core™2 Duo up to 2.53 GHz Intel® Celeron® M 575, T3100, socket
CHIPSET	Intel® <b>GS45</b> with Intel® ICH9M SFF	Core™2 Duo: Intel® <b>GM45</b> with Intel® ICH9EM Celeron®: Intel® <b>GL40</b> with Intel® ICH9M
MEMORY	Up to 8 GB DDR3 SO-DIMM (667/800/1066 MHz) dual channel	
HARD DISK	4x SerialATA 300 (AHCI; RAID 0,1), 1x PATA (GL40/ICH9M without RAID)	
USB	8x USB 2.0	
PCI	PCI 2.3, 32 bit/33MHz	
PCI EXPRESS	5 PCI Express x1 (1 PCI Express x4 possible), 1 PEG x16	
ETHERNET	10/100/1000 Mbit Ethernet, Intel® 82567 (GL40 without PEG x16)	
SOUND	Intel® High Definition Audio	
GRAPHICS CONTROLLER	Intel® GMA X4500 integrated (DirectX® 10, PS 4.0, up to 1024 MB with DVMT 5.0), 1 PEG x16	
DISPLAY INTERFACES	DisplayPort, HDMI or Dual SDVO shared with PEG, Single and Dual Channel LVDS 18/24 bit up to UXGA (1600x1200), CRT up to QXGA (2048x1536), (GL40 without HDMI, DisplayPort)	
OPERATING SYSTEMS	Windows® 7, Windows Vista®, Windows® XP, Windows® XP Embedded, Windows® CE, VxWORKS, Linux and others	
SECURITY FEATURES	TPM 1.2 integrated	
OTHER FEATURES	ACPI 3.0, LPC, JIDA and K-station support, Watchdog, RTC, JRC support	
FORM FACTOR	COM Express® basic: 125 x 95 mm, Pin-out Type 2	
POWER CONSUMPTION	Typ. 11 W (50% load) @ Intel® Core™2 Duo SU9300, 8.5V – 18V Wide Range Power Supply	Typ. 15W (50% load) @ Intel® Core™2 Duo P8400, Economic Power-Off <b>SS Eco</b> < 1mA, 8.5V – 18V Wide Range Power Supply
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-BPC2 SP9300	38008-0000-23-2	Intel® Core™2 Duo SP9300, 2.26 GHz, 6 MB L2 Cache, Intel® <b>GS45</b>
COME-BPC2 SL9400	38008-0000-19-2	Intel® Core™2 Duo SL9400 Low Voltage, 1.86 GHz, 6 MB L2 Cache, Intel® <b>GS45</b>
COME-BPC2 SU9300	38008-0000-12-2	Intel® Core™2 Duo SU9300 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache, Intel® <b>GS45</b>
COME-BPC2 722	38008-0000-12-1	Intel® Celeron® 722 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache, Intel® <b>GS45</b>
HSP-COME-BPC2 THREADED	38008-0000-99-0	Heatspreader for COME-bPC2 with GS45 (38008-0000-xx-x), threaded 2.5mm stand off
HSP-COME-BPC2 THROUGH	38008-0000-99-1	Heatspreader for COME-bPC2 with GS45 (38008-0000-xx-x), through 2.7mm hole stand off
COME-BPC2 T9400	38009-0000-25-2	Intel® Core™2 Duo T9400, 2.53 GHz, 6 MB L2 Cache, Intel® <b>GM45</b>
COME-BPC2 P8400	38009-0000-23-2	Intel® Core™2 Duo P8400, 2.26 GHz, 3 MB L2 Cache, Intel® <b>GM45</b>
HSP-COME-BPC2 GM45 THREADED	38009-0000-99-0	Heatspreader for COME-bPC2 with GM45 (38009-0000-xx-2), threaded 2.5mm stand off
HSP-COME-BPC2 GM45 THROUGH	38009-0000-99-1	Heatspreader for COME-bPC2 with GM45 (38009-0000-xx-2), through 2.7mm hole stand off
COME-BPC2 575	38009-0000-20-0	Intel® Celeron® M575 socket, 2.0 GHz, Intel® <b>GL40</b> , max. 4 GB memory (no RAID, HDMI, DisplayPort, PEG x16)
COME-BPC2 T3100	38009-0000-19-0	Intel® Celeron® T3100 socket, 1.9 GHz, Intel® <b>GL40</b> , max. 4 GB memory (no RAID, HDMI, DisplayPort, PEG x16)
HSP-COME-BPC2 GL40 THREADED	38009-0000-99-2	Heatspreader for COME-bPC2 with GL40 (38009-0000-xx-0), threaded 2.5mm stand off
HSP-COME-BPC2 GL40 THROUGH	38009-0000-99-3	Heatspreader for COME-bPC2 with GL40 (38009-0000-xx-0), through 2.7mm hole stand off

## ▶ CORPORATE OFFICES

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