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Find the *Kontron COMe-bPC2 SU9300* at our website: ***Click HERE***

» COMe-bPC2 «



Performance module on COM Express® basic Pin-out Type 2

» Up to Intel® Core™2 Duo, 45nm
» Intel® GS45/GM45/GL40 and ICH9M
» DDR3 SODIMM up to 8 GB, dual channel
» 4x SerialATA with RAID, DirectX® 10

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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® **GS45** with Intel® ICH9M SFF	Core™2 Duo: Intel® **GM45** with Intel® ICH9EM Celeron®: Intel® **GL40** 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 **S5 Eco** < 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® **GS45**
COMe-bPC2 SL9400	38008-0000-19-2	Intel® Core™2 Duo SL9400 Low Voltage, 1.86 GHz, 6 MB L2 Cache, Intel® **GS45**
COMe-bPC2 SU9300	38008-0000-12-2	Intel® Core™2 Duo SU9300 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache, Intel® **GS45**
COMe-bPC2 722	38008-0000-12-1	Intel® Celeron® 722 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache, Intel® **GS45**
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® **GM45**
COMe-bPC2 P8400	38009-0000-23-2	Intel® Core™2 Duo P8400, 2.26 GHzr, 3 MB L2 Cache, Intel® **GM45**
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® **GL40**, 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® **GL40**, 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

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Datasheet - COMe-bPC2 #09122012WMH
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