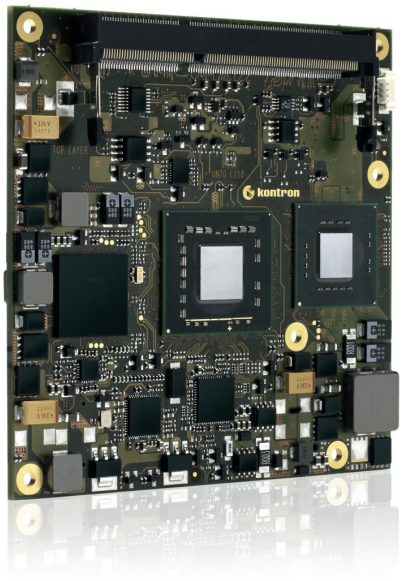
# » COMe-cPC2 «



## Highest performance on just 95x95 mm

» Up to Intel® Core™2 Duo in 45nm
» COM Express® compact, Pin-out Type 2
» Intel® GS45 and DDR3 memory
» Highest performance with ultra low voltage

## Technical Information

| | |
|---|---|
| **Processor** | Intel® Core™2 Duo up to 1.86 GHz, 45 nm<br>Intel® Celeron® M Processor 722 and 723 with 1.2 GHz, 45nm |
| **Chipset** | Intel® GS45, Intel® ICH9M SFF |
| **Memory** | Up to 4 GB DDR3 SO-DIMM (667/800/1066 MHz) |
| **Hard Disk** | 3x SerialATA 300 (AHCI; RAID 0, 1), 1x PATA |
| **USB** | 8x USB 2.0 |
| **PCI** | PCI 2.3, 32 bit/33 MHz |
| **PCI Express** | 5 PCI Express x1 (1 PCI Express x4 possible), 1 PEG x16 |
| **Ethernet** | 10/100/1000 Mbit Ethernet, Intel® 82567 |
| **Sound** | Intel® High Definition Audio |
| **Video Controller** | Intel® GMA X4500 integrated in Intel® GS45 (DirectX® 10, PS 4.0, up to 1024 MB with DVMT 5.0), 1 PEG x16<br>Dual SDVO multiplexed with PEG, HDMI and DisplayPort support |
| **Display Interfaces** | Single/Dual LVDS 18/24 bit up to UXGA<br>LVDS up to UXGA (1600x1200), CRT up to QXGA (2048x1536)<br>Dual SDVO, HDMI, DisplayPort, JILI support |
| **Operating Systems** | Windows® 7, Windows Vista®, Windows® XP, Windows® XP Embedded, Windows® CE, Linux, VxWORKS and others |
| **Security Features** | TPM 1.2 integrated in ICH9M SFF, HDCP 1.2 |
| **Other Features** | ACPI 3.0, LPC, K-station and JIDA support, Watchdog, RTC, JRC support, Fast I²C |
| **Form Factor** | COM Express® compact: 95x95mm<br>Pin-out Type 2 |
| **Power Consumption** | typ. Idle ~7.5W @ Intel® Core™2 Duo SU9300<br>8.5 V – 18 V Wide Range Power Supply |
| **Temperature (*)** | Operation: 0° to 60°C<br>Storage: -30° to 85°C |
| **Humidity** | Operation: 10% to 90%<br>Storage: 5% to 95% (non condensing) |

**(*) Ask about extended temperature ranges**

## Ordering Information

| Article | Part No. | Description |
|---|---|---|
| **COMe-cPC2 SL9400** | 36004-0000-19-2 | Intel® Core™2 Duo SL 9400 Low Voltage, 1.86 GHz, 6 MB L2 Cache |
| **COMe-cPC2 SU9300** | 36004-0000-12-2 | Intel® Core™2 Duo SU 9300 Ultra Low Voltage, 1.2 GHz, 3 MB L2 Cache |
| **COMe-cPC2 722** | 36004-0000-12-1 | Intel® Celeron® M Processor 722 (5.5W TDP) Ultra Low Voltage, 1.2 GHz, 1 MB L2 Cache |
| **COMe-cPC2 723** | 36004-0000-12-3 | Intel® Celeron® M Processor 723 (10W TDP) Ultra Low Voltage, 1.2 GHz, 1 MB L2 Cache |
| **HSP-COMe-cPC2 threaded** | 36004-0000-99-0 | Heatspreader for COMe-cPC2, threaded stand off |
| **HSP-COMe-cPC2 through** | 36004-0000-99-1 | Heatspreader for COMe-cPC2, through hole stand off |
| **HSK-COMe-cPC2 w/o Fan** | 36004-0000-99-0C02 | Passive Heatsink for COMe-cPC2, threaded stand-off, w/o fan |
| **HSK-COMe-cPC2 w/ Fan** | 36004-0000-99-0C01 | Active Heatsink for COMe-cPC2, threaded stand-off, w/ fan |


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Datasheet – COMe-cPC2 #1105201 4WMH
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