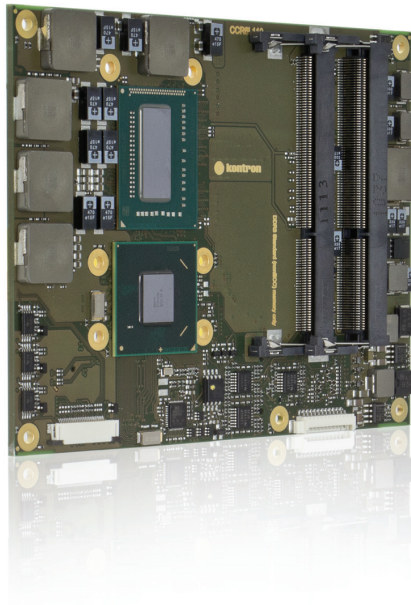


» COMe-bIP6 «

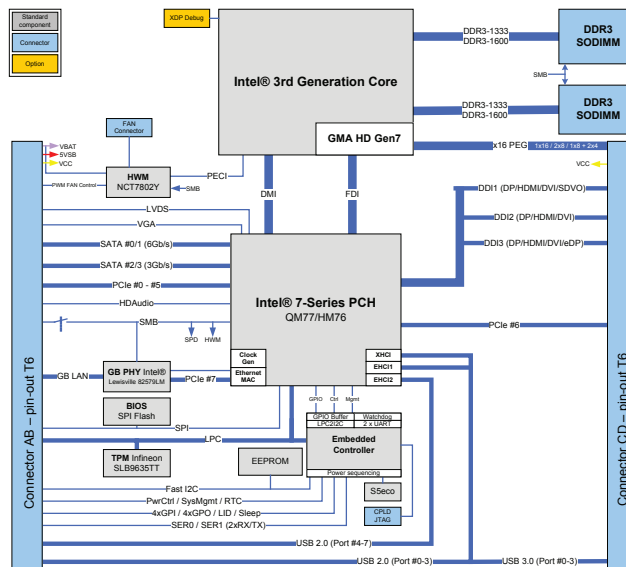


COM Express® basic Type 6 with 3rd Generation Intel® Core™ Processors

- » Intel® 3rd Generation Core™ i7/i5/i3/Celeron Series with QM77/HM76 PCH
- » With non-ECC DDR3 up to 16GB
- » Triple Independent Display support

Technical Information

| | |
|-----------------------------------|---|
| Compliance | COM Express® basic, Pin-out Type 6 |
| Dimensions (H x W x D) | 125 x 95 mm |
| CPU | Intel® Core™ i7-3615QE, i7-3612QE, Intel® Core™ i7-3555LE, Intel® Core™ i7-3517UE, Intel® Core™ i5-3610ME, Intel® Core™ i3-3120ME, Intel® Core™ i3-3217UE, Intel® Celeron® 1020E, Intel® Celeron® 1047UE, Intel® Celeron® 927UE |
| Chipset | Intel® Mobile QM77 (Core™ i3, i5, i7), Intel® Mobile HM76 (Celeron®) |
| Main Memory | 2x DDR3-1600 SO-DIMM up to 2x8GB |
| Graphics Controller | Intel® HD4000 (GT2), Intel® HD Graphics (GT1) |
| Ethernet Controller | Intel® 82579LM |
| Ethernet | 10/100/1000 MBit Ethernet |
| Hard Disk | 2x SATA 6Gb/s, 2x SATA 3Gb/s |
| Flash Onboard | - |
| PCI Express® / PCI support | 1x PEG x16, 7x PCIe x1 |
| Panel signal | DDI1: DP++ or SDVO, DDI2: DP++, DDI3: DP++, VGA: Yes, LVDS: Dual Channel 18/24bit |
| USB | 2x USB 3.0 + 6x USB 2.0 |
| Serial | 2x serial interface (RX/TX only) |
| Audio | Intel® High Definition Audio |
| Common Features | SPI, LPC, SMB, Fast I²C, Staged Watchdog, RTC, MARS |
| BIOS | AMI Aptio UEFI |
| Humidity | 93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78) |
| Options | 1x PCIe x1 additional w/o onboard LAN vPRO (AMT/TXT/AES Support) |
| Power Management | ACPI 4.0, S5 Eco |
| Power Supply | 8.5V – 20V Wide Range, Single Supply Power |
| Special Features | POSCAP capacitors, Trusted Platform Module TPM 1.2, eDP enabling by external Strap Option |
| Operating System | Windows® 8, Windows® 7, WES7, WinXP, XPe, Linux, VxWorks |
| Temperature | Commercial temperature: 0°C to +60°C operating, -30°C to +85°C non-operating Extended temperature: -25°C to +75°C operating, -30°C to +85°C non-operating |



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Datasheet – COMe-bIP6 #05072014/WH
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