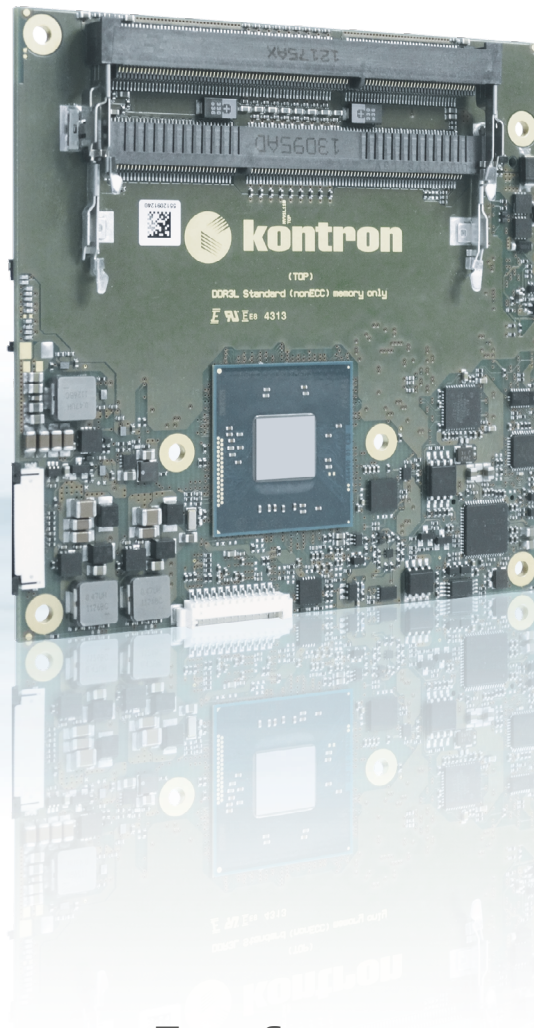


COMe-cBT6



COM Express® Compact Type 6 with Intel Atom® E3800 & Celeron® Series

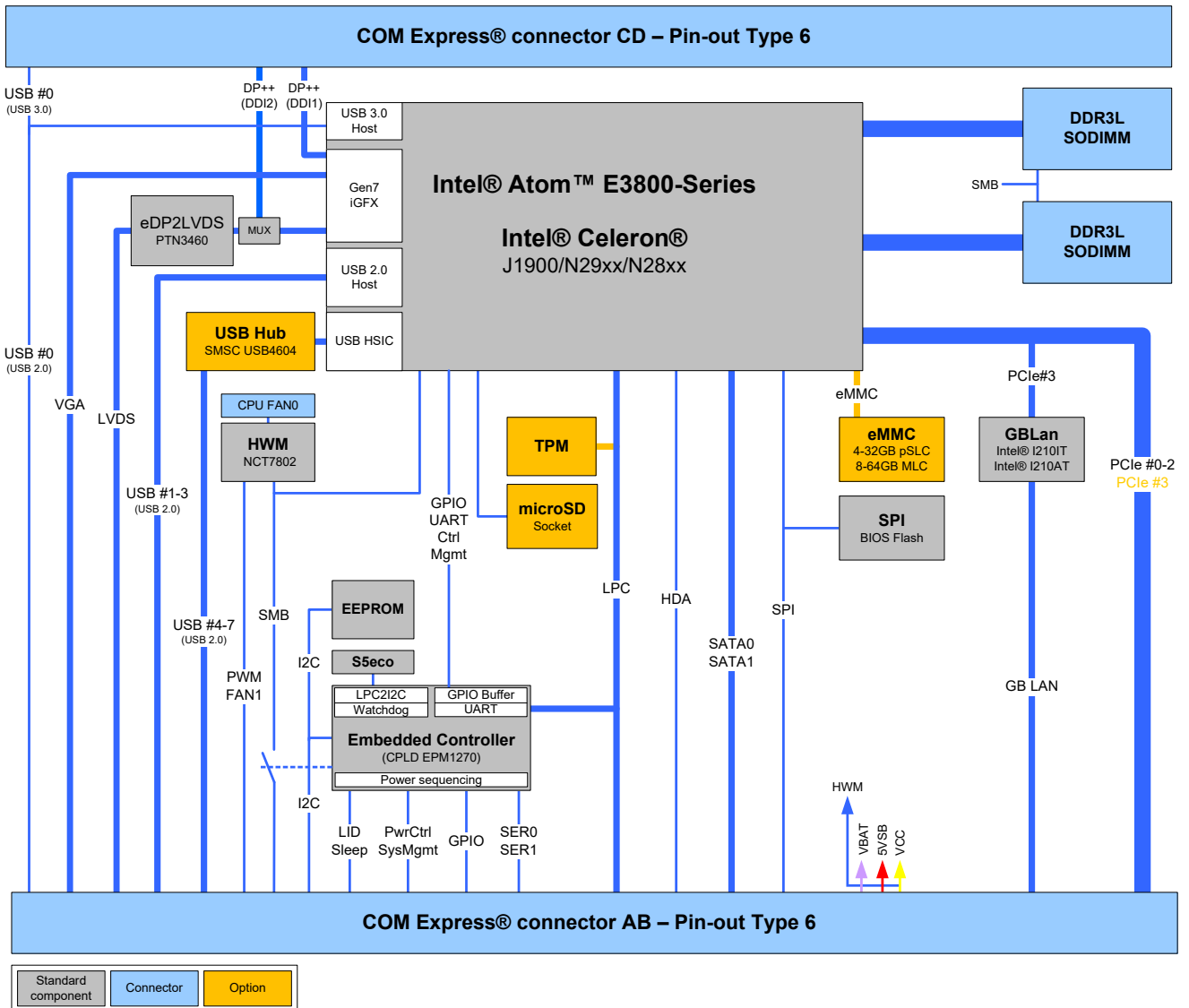
- ▶ Intel Atom® E3800 & Celeron® series
- ▶ up to 2x 4 GByte DDR3L SODIMM dual channel
- ▶ up to 8x USB 2.0, 1x USB 3.0, eMMC Flash, 2x SATA, SD-Card
- ▶ Industrial grade temperature

POSSIBILITIES START HERE

► TECHNICAL INFORMATION

COMPLIANCE	COM Express® compact, Pin-out Type 6
DIMENSIONS	95 x 95 mm
CPU	Intel Atom® E3845, Intel Atom® E3827, Intel Atom® E3826, Intel Atom® E3825, Intel Atom® E3815, Intel® Celeron® J1900, Intel® Celeron® N2920, Intel® Celeron® N2930, Intel® Celeron® N2807
CHIPSET	-
MAIN MEMORY	2x DDR3L-1333 SODIMM up to 2x 4 GByte
GRAPHICS CONTROLLER	Intel® HD Graphics (Gen7)
ETHERNET CONTROLLER	Intel® I210IT/I210AT (I211AT)
ETHERNET	10/100/1000 MBit Ethernet
HARD DISK	2x SATA 3Gb/s
FLASH ONBOARD	8-64 GByte eMMC, 1x microSD Socket
PCI EXPRESS® / PCI SUPPORT	3x PCIe x1
PANEL SIGNAL	DDI1: DP++, DDI2: DP++ (shared w/LVDS), DDI3: -, VGA: Yes, LVDS: Dual Channel 18/24bit
USB	1x USB 3.0 (incl. USB 2.0), 3x USB 2.0 from CPU, 4x USB 2.0 from HSIC Hub
SERIAL	2x serial interface (RX/TX only)
AUDIO	Intel® High Definition Audio
COMMON FEATURES	SPI, LPC, SMB, Fast I ² C, Staged Watchdog, RTC, MARS
BIOS	Phoenix Secure Core 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, Trusted Platform Module TPM 1.2, eMMC Flash onboard (4-32 GByte pSLC, 8-64 GByte MMLC), AES-NI
POWER MANAGEMENT	ACPI, S5 Eco
POWER SUPPLY	4.75 V – 20 V Wide Range, Single Supply Power
SPECIAL FEATURES	POSCAP capacitors, LVDS/DP Multiplexer
OPERATING SYSTEM	Windows® 8, Windows® 7, WEBS, WES7, WEC7, Linux, VxWorks
TEMPERATURE	Commercial temperature: 0 °C to +60 °C operating, -30 °C to +85 °C non-operating Industrial temperature: -40 °C to +85 °C operating, -40 °C to +85 °C non-operating

► BLOCKDIAGRAM



► GLOBAL HEADQUARTERS

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