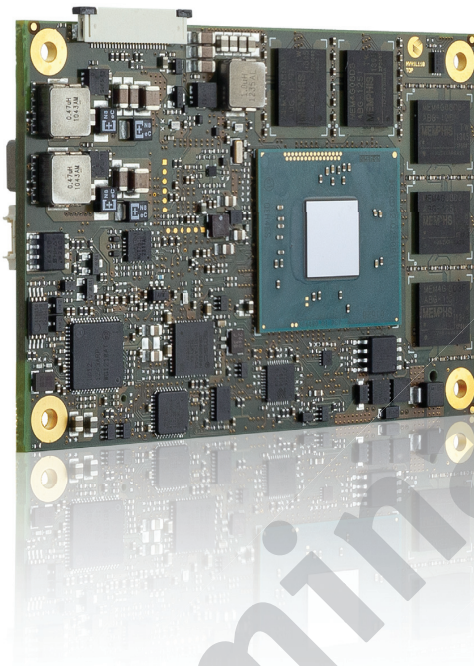


» COMe-mBT10 «



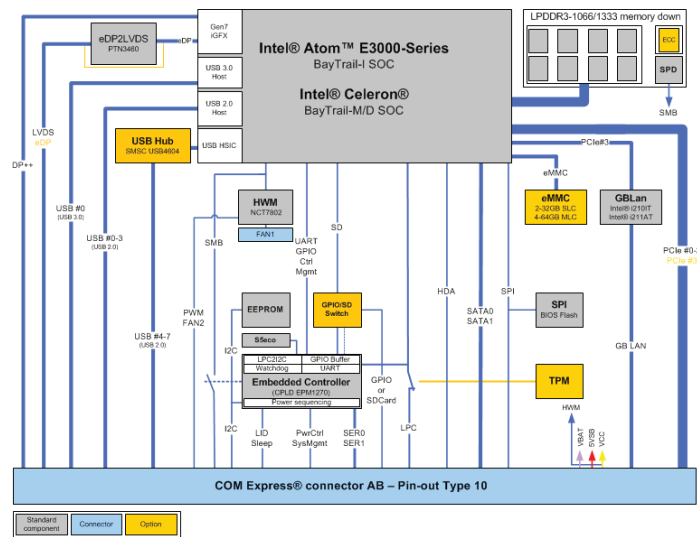
Intel® BayTrail Atom™ /Celeron® Series

- » Bay Trail-I/M/D SoC (Valleyview)
- » Up to 8GB LPDDR3 memory down (ECC optional)
- » 8x USB 2.0, 1x USB 3.0

COMe-mBT10

Technical Information

Processor	COMe-mBTi10 (BayTrail-I) Atom™ E3845 (4x1.91GHz, 10W) Atom™ E3827 (2x1.75GHz, 8W) Atom™ E3826 (2x1.46GHz, 7W) Atom™ E3825 (2x1.33GHz, 6W) Atom™ E3815 (1x1.46GHz, 5W)	COMe-mBTc10 (Baytrail-M/D) Celeron® J1900 (4x2.00GHz, 10W) Celeron® N2920 (4x1.86GHz, 7.5W)
Memory	LPDDR3-1066/1333	
Graphics	Intel® HD Graphics (Gen7)	
Onboard SSD	2-64GB eMMC	
Hard Disk	2x SATA 3Gb/s	
USB	1x USB 3.0 (fully compatible to USB 2.0), up to 8x USB 2.0	
PCI Express®	3x PCIe x1 Gen 2.0 (optional: 4x PCIe x1 without LAN)	
Ethernet	10/100/1000 MBit	
Ethernet Controller	Intel® i210IT / i211AT	
Audio Controller	Intel® High Definition Audio	
Display Interfaces	1x DP++ (DP/HDMI/DVI) up to 2560x1600@60Hz 1x Single Channel LVDS 18/24bit with DPtoLVDS up to 1920x1200 (optional eDP)	
Operating System	Windows® 8, Windows® 7, Windows Embedded Standard 7 (WES7), Windows Embedded Compact 7 (WEC7), Linux, VxWorks	
Security Features	Atmel TPM 1.2 optional	
Other Features	POSCAP capacitors, ACPI 3.0, SPI, LPC, Dual Staged Watchdog, RTC, Fast I²C, 2x Serial Ports (RX/TX), S5 Eco, Smart Battery support, PICMG EAPI / KEAPI3 Support, SD Card (1x SDIO 3.0 shared with GPIO, COMe-mBTi10 only)	
Form Factor	COM Express® mini, pin-out Type 10, 55 x 84 mm	
Power Supply	4.75 - 20V Wide Range Power Supply	
Temperature	Industrial grade -40°C to 85°C	
Humidity	93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)	



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