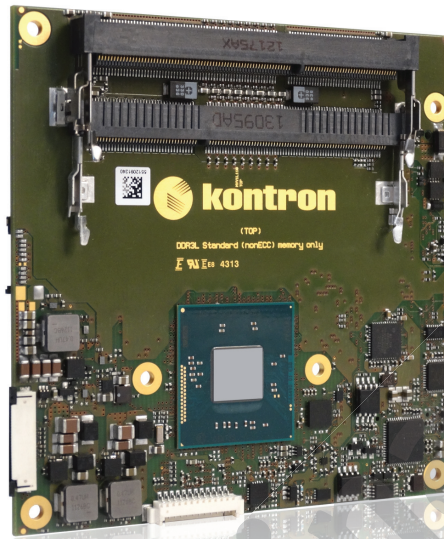


## » COMe-cBT6 «



### Intel® Bay Trail Atom™ / Celeron® Series

- » BayTrail-I/M/D SOC (Valleyview)
- » 2x DDR3L SODIMM up to 2x 4GB
- » 2 independent display outputs
- » 1x USB 3.0, up to 8x USB 2.0

## Technical Information

## Processor

**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)

**BayTrail-D**

Celeron® J1900 (4x2.00GHz, 10W)

**BayTrail-M**

Celeron® N2920 (4x1.86GHz, 7.5W)

## Memory

2x DDR3L SODIMM up to 2x 4GB Dual Channel DDR3L-1066/1333

## Graphics

Intel® HD Graphics (Gen7)

## Onboard SSD

2-64GB eMMC

## Hard Disk

2x SATA 3Gb/s

## USB

1x USB 3.0, 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

2x DP++ (DP/HDMI/DVI; 1x muxed with LVDS) up to 2560x1600@60Hz, 2 independent display outputs,  
 1x LVDS DualChannel 18/24bit up to 1920x1200 with DPtoLVDS

## Operating System

Windows® 8, Windows® 7, Windows Embedded Standard 7 (WES7), Windows Embedded Compact 7 (WEC7), Linux, VxWorks

## Security Features

Atmel AT97SC3204 optional; AES-NI optional

## Other Features

ACPI 3.0, Dual Staged Watchdog, RTC, Fast I²C, S5 Eco, Smart Battery support, PICMG EAPI / KEAPI3 Support

## Form Factor

COM Express® compact, pin-out Type 6, 95 x 95 mm

## Power Supply

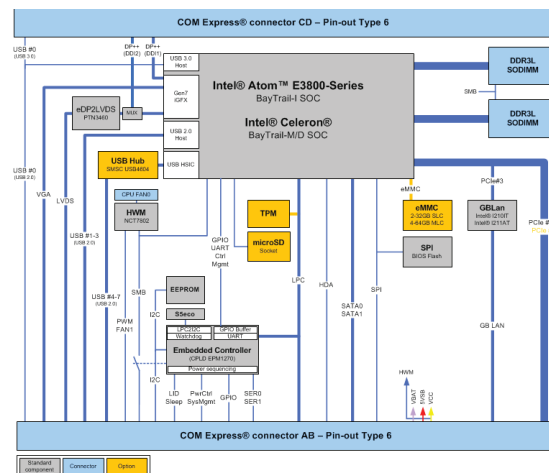
4.75 - 20V Wide Range Power Supply

## Temperature

Commercial grade 0 to 60°C for Celeron®  
 Industrial grade -40°C to 85°C for Atom™ E3800

## Humidity

93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)



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