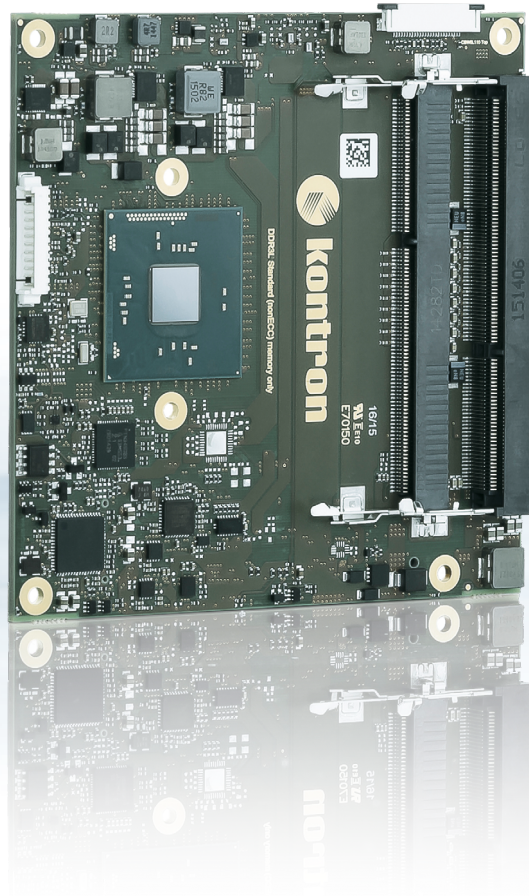


# COMe-cBW6

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## COM Express® Compact Type 6 with Intel Atom®/Pentium®/Celeron® Processor N3000 Series

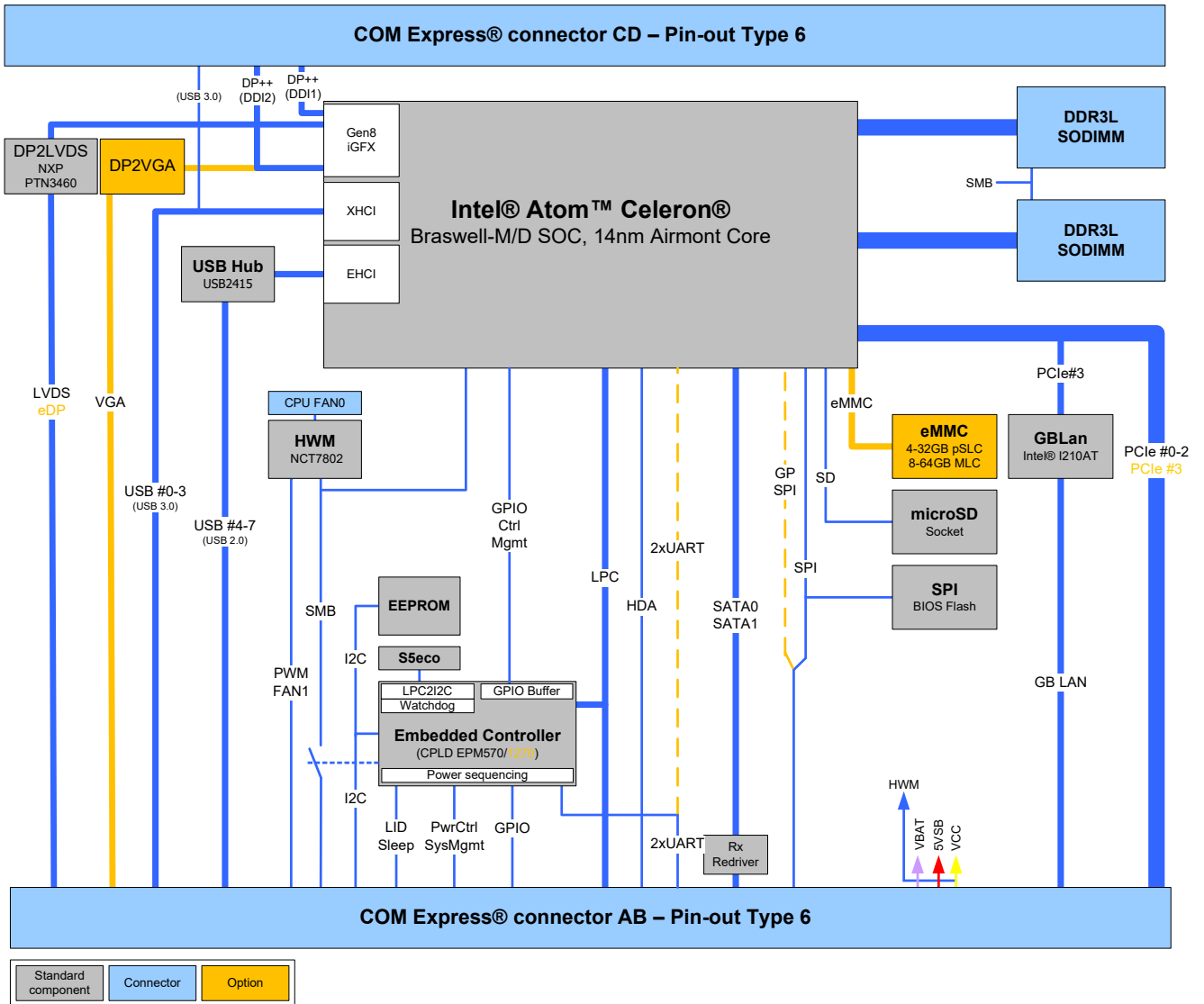
- ▶ COM Express® compact pin-out type 6 Computer-on-Module with Intel Atom® x5-E8000/Pentium®/Celeron® Processor N3000 series
- ▶ Up to 8 GByte DDR3L 1600 Memory (2 SODIMM Socket)
- ▶ High speed Interface 2x SATA3 4x USB 3.0/2.0, +4x USB 2.0

POSSIBILITIES START HERE

## ► TECHNICAL INFORMATION

<b>COMPLIANCE</b>	COM Express® Compact Pin-out Type 6
<b>DIMENSIONS</b>	95 x 95 mm
<b>CPU (SoC)</b>	Intel® Pentium® N3710 (4x 1.60 GHz/2.56 GHz, 6 W) Intel® Celeron® N3160 (4x 1.60 GHz/2.24 GHz, 6 W) Intel® Celeron® N3060 (4x 1.60 GHz/2.48 GHz, 6 W) Intel® Celeron® N3010 (4x 1.04 GHz/2.24 GHz, 4 W) Intel Atom® Processor x5-E8000 (4x 1.04 GHz, 5 W)
<b>CHIPSET</b>	Integrated SoC
<b>MAIN MEMORY</b>	2x SODIMM for DDR3L-1333/1600 (non ECC) up to 2x 4 GByte, 8 GByte total
<b>GRAPHICS CONTROLLER</b>	Intel® HD® Graphics
<b>ETHERNET CONTROLLER</b>	Intel® I211AT/I210AT (I211AT)
<b>ETHERNET</b>	10/100/1000 MBit Ethernet
<b>HARD DISK</b>	2x SATA3 6Gb/s
<b>FLASH ONBOARD</b>	Up to 32 GByte pSLC eMMC (option)
<b>PCI Express® SUPPORT</b>	3x PCIe2.0 on PCIe lane 0-2 (3 controllers, 3 x1) Option: 4 Lanes if no LAN (4 controllers, 4 x1, 1 x4)
<b>PANEL SIGNAL</b>	3 independent Displays DDI1: DP++, DDI2: DP++, LVDS: Dual Channel 18/24bit, VGA optional on DDI2
<b>USB</b>	4x USB 3.0/2.0 + 4x USB 2.0
<b>SERIAL</b>	2x serial interface (RX/TX only)
<b>AUDIO</b>	Intel® High Definition Audio
<b>COMMON FEATURES</b>	SPI, LPC, SMB, Fast I <sup>2</sup> C, Staged Watchdog, RTC, MARS
<b>BIOS</b>	AMI AptioV UEFI
<b>HUMIDITY</b>	93 % relative Humidity at 40° C, non-condensing (according to IEC 60068-2-78)
<b>OPTIONS</b>	1x PCIe x1 additional w/o onboard LAN, onboard SSD (32 GByte eMMC), eDP instead of LVDS, VGA instead DDI2
<b>POWER MANAGEMENT</b>	ACPI 4.0, S5 Eco
<b>POWER SUPPLY</b>	8.5 V – 20 V Wide Range ATX, Single Supply Power

## ► BLOCKDIAGRAM



## ► GLOBAL HEADQUARTERS

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