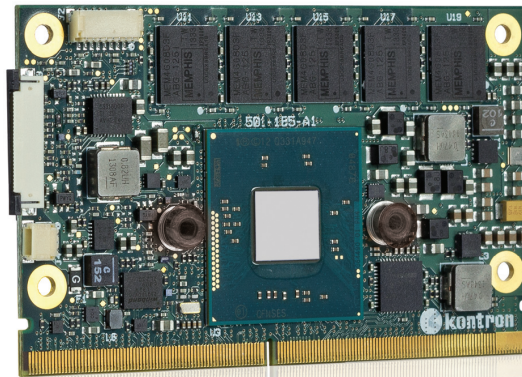


» SMARC-sXBTi «



First SMARC with Intel® Atom™ from Kontron!

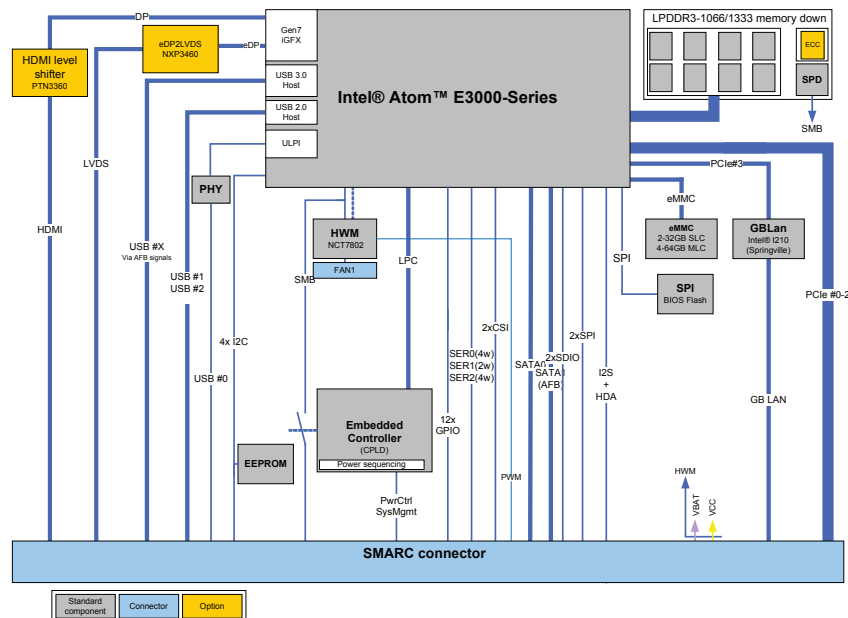
Intel® Atom™ E3800 Series

- » Up to 8GB DDR3L memory down (ECC optional)
- » 1x USB 3.0, 3x USB 2.0 (optional 1 OTG)
- » eMMC Flash, SDIO, 2x SATA
- » Industrial Grade Temperature

SMARC-sXBTi

Technical Information

Dimensions (H x W x D)	82 x 50mm
CPU	Intel® Atom™ E3845, E3827, E3826, E3825 or E3815
Main Memory	Up to 8GB DDR3L-1333 memory down (ECC optional)
Graphics Controller	Intel® HD Graphics (Gen7)
Ethernet Controller	Intel® i210IT
Ethernet	10/100/1000 MBit Ethernet
SATA	1x SATA 3Gb/s
Flash Onboard	2-64GB eMMC
PCI Express® / PCI support	3x PCIe x1
Panel signal	LVDS Single Channel 18/24 bit or eDP, HDMI or DP
USB	3x USB 2.0 1x USB 3.0 (via AFB)
Serial	1x RX/TX (Ser0) 2x UART (Ser1/3)
Interface	HD Audio and I2S, 5x I2C, 2x SPI, Camera Interface (2x MIPI CSI)
Operating System	Windows® 8, Windows® 7, WE8S, WES7, WEC7, Linux, VxWorks
Power Supply	3V - 5.25V Operates directly from single level Lithium Ion cells or fixed 3.3V or 5V power supplies
Temperature	-40°C to +85°C operating, -40°C to +85°C non-operating
Humidity	93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)



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