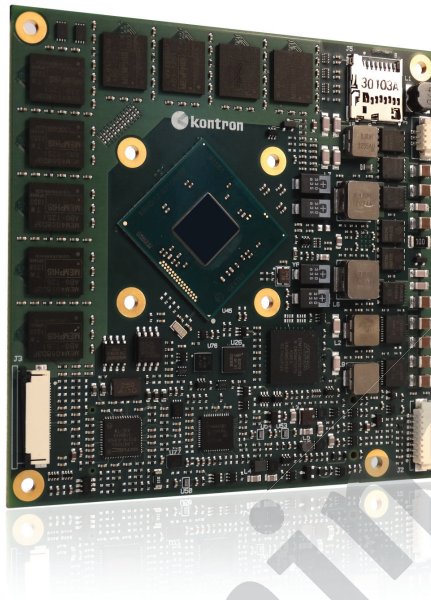


» COMe-cBTi6R «



COM Express® compact Type 6 with Intel® Atom™ E3800 Series

- » Intel® Atom™ E3800 Series
- » Up to 4GB DDR3L ECC or 8GB DDR3L non-ECC memory down
- » 7x USB 2.0, 1x USB 3.0, 1x OTG, eMMC Flash, 2x SATA, 4x PCIe
- » Industrial Grade Temperature, Rapid Shutdown Support

Technical Information

Compliance

Dimensions (H x W x D)

CPU

Chipset

Main Memory

Graphics Controller

Ethernet Controller

Ethernet

Hard Disk

Flash Onboard

Panel signal

USB

Serial

Audio

Common Features

BIOS

Humidity

Options

Power Management

Power Supply

Special Features

Operating System

Temperature

COM Express® compact, Pin-out Type 6

95 x 95 mm

Intel® Atom™ E3845, Intel® Atom™ E3827, Intel® Atom™ E3826, Intel® Atom™ E3825, Intel® Atom™ E3815

-

2x DDR3L-1333 ECC memory down up to 4GB or 2x DDR3L-1333 memory down up to 8GB

Intel® HD Graphics (Gen7)

USB SMSC LAN7500i, PCIe Intel® I210IT optional

10/100/1000 MBit Ethernet

2x SATA 3Gb/s

2 - 64GB eMMC, 1x microSD Socket

DDI1: DP++, DDI2: DP++ (shared w/LVDS), DDI3: -, VGA: Yes, LVDS: Dual Channel 18/24bit

1x USB 3.0 (incl. USB 2.0), 2x USB 2.0 from CPU, 4x USB 2.0 from HSIC Hub, 1x USB OTG

2x serial interface (RX/TX only)

Intel® High Definition Audio

SPI, LPC, SMB, Fast I²C, Staged Watchdog, RTC, MARS

Phoenix Secure Core UEFI

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

ECC or non-ECC memory, eMMC Flash onboard (2-32GB SLC, 4-64GB MLC), microSD Socket, PCIe GB Ethernet, FSP + Coreboot, AES-NI

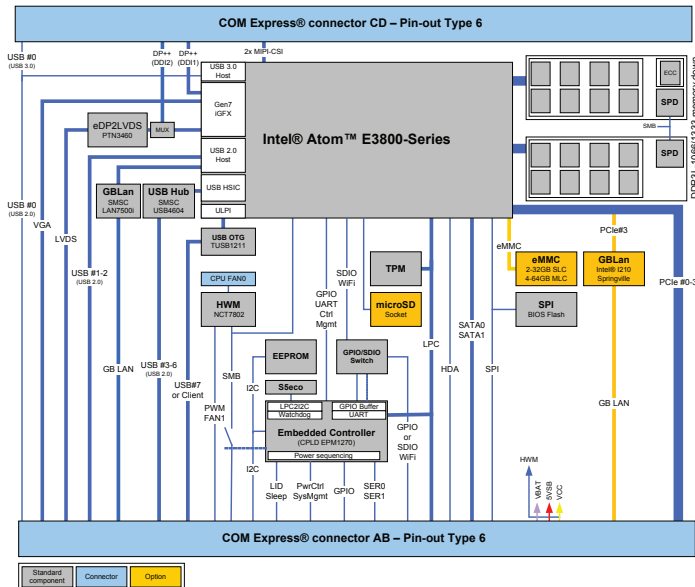
ACPI, S5 Eco

4.75V – 20V Wide Range, Single Supply Power

POSCAP capacitors, GPIO/SDIO Switch, LVDS/DP Multiplexer, 2x MIPI-CSI on PEG interface

Windows® 8, Windows® 7, WE8S, WES7, WEC7, Linux, VxWorks

Industrial temperature: -40°C to +85°C operating, -40°C to +85°C non-operating



CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China

Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn