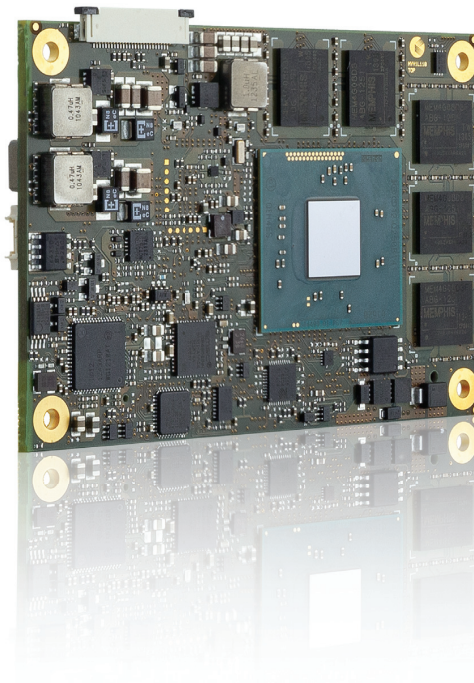


» COMe-mBT10 «



COM Express® mini Type 10 with Intel® Atom™ E3800 & Celeron® Series

- » Intel® Atom™ E3800 & Celeron® Series
- » Up to 8GB DDR3L memory down (ECC optional)
- » Up to 8x USB 2.0, 1x USB 3.0, eMMC Flash, 2x SATA, SD-Card
- » Industrial Grade Temperature

Technical Information

Compliance

Dimensions (H x W x D)

CPU

Chipset

Main Memory

Graphics Controller

Ethernet Controller

Ethernet

Hard Disk

Flash Onboard

PCI Express® / PCI support

Panel signal

USB

Serial

Audio

Common Features

BIOS

Humidity

Options

Power Management

Power Supply

Special Features

Operating System

Temperature

COM Express® mini, Pin-out Type 10

84 x 55 mm

Intel® Atom™ E3845, Intel® Atom™ E3827, Intel® Atom™ E3826, Intel® Atom™ E3825, Intel® Atom™ E3815, Intel® Celeron® J1900, Intel® Celeron® N2920, Intel® Celeron® N2930, Intel® Celeron® N2807

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Up to 8GB DDR3L-1333 memory down (ECC optional)

Intel® HD Graphics (Gen7)

Intel® I210IT / I211AT

10/100/1000 MBit Ethernet

2x SATA 3Gb/s

2 - 64GB eMMC

3x PCIe x1

DDI: DP++, LVDS: Single Channel 18/24bit or eDP

1x USB 3.0 (incl. USB 2.0), 3x USB 2.0 from CPU, 4x USB 2.0 from HSIC Hub

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)

1x PCIe x1 additional w/o onboard LAN, Trusted Platform Module TPM 1.2, ECC memory, eMMC Flash onboard (2-32GB SLC, 4-64GB MLC), eDP instead of LVDS, General Purpose SPI instead of Boot SPI, FSP + Coreboot, AES-NI

ACPI, S5 Eco

4.75V – 20V Wide Range, Single Supply Power

POSCAP capacitors, GPIO/SDIO Switch, General Purpose SPI optional

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

Commercial temperature: 0°C to +60°C operating, -30°C to +85°C non-operating
Industrial temperature: -40°C to +85°C operating, -40°C to +85°C non-operating

