FactSheet

byteDEVKIT 2

industrial development kit

bytesatwork

FEATURES

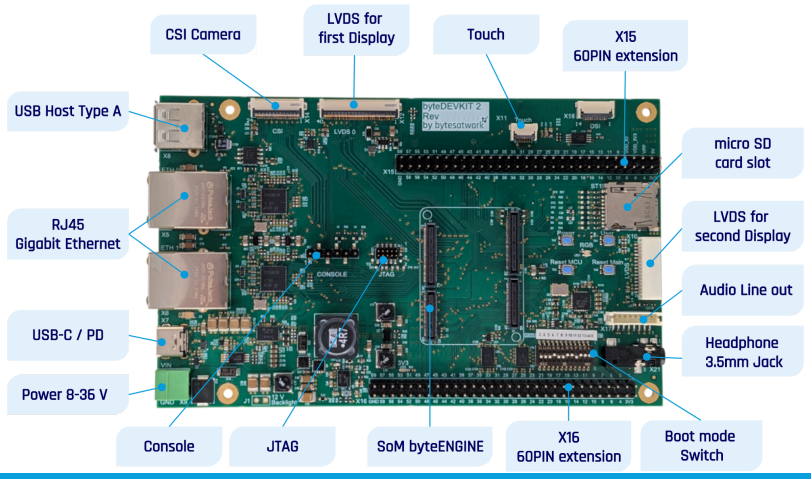
Ready to use: High adaptability, thanks to flexible structure, ensures short time-to-market and enables rapid prototyping. Test and implement your project as quickly as possible using our high performance system on modules with the TI AM62x and TI AM62Px CPU families.

- Compatible with our TI AM62x and TI AM62Px System on Modules
- High adaptability and flexible connectivity thanks to a broad range of interfaces

TECHNICAL DATA byteDEVKIT

Connectors	2x Gigabit Ethernet RJ45
Hardware Slot	1x microSD Slot
Device Slot 1	1x USB Host 2.0 Type A
Device Slot 2	1x USB-C with Powerdelivery
Display and Touch	5-inch LVDS Touchscreen Display Extension Connectors for 2nd Display
Audio	Headphone Jack 3.5mm, Line Out Connector
Connectors 60PIN	LCD, OSPI, MMC2, SPI0, MCAN, MCASP, GPMC, I2C1, MCU_I2C0, MCU_SPI0, MCU_UART0, MCU_MCAN0, MCU_MMCAN1, WKUP, RESET

CONNECTORS OVERVIEW



SOM byteENGINE SPECIFICATION

CPU	Up to quad core 64-bit ARM® Cortex® A53 of TI AM62x and AM62Px CPU Family
Co-CPU	ARM® Cortex® M4F MCU 400 MHz ARM® Cortex® R5F MCZ 800 MHz
Memory	256 MB to 2048 MB LPDDR4 512 MB to 8192 MB LPDDR4
Flash eMMC	up to 128 GB
Temperature	industrial: -40 to +85° C , consumer: 0 to 85° C
Power	5.0 V, max. 4 W, typical 2 W
Dimensions	40 x 30 x 4 mm

byteDEVKIT CONTENT

The byteDEVKIT includes:

- Power Supply
- Console Cable
- Retention Levers to unmount the SOM
- 5-inch LVDS Touchscreen Display (optional)
- SD-Card with pre-installed embedded Linux



Address
bytesatwork
Technoparkstrasse 7
CH-8406 Winterthur
Switzerland

Phone
Phone: +41 52 213 79 79

Email
support@bytesatwork.ch

Website
www.bytesatwork.io

Help
bytewiki.readthedocs.io

Further Product Information
More byteDEVKITs

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