

FEATURES

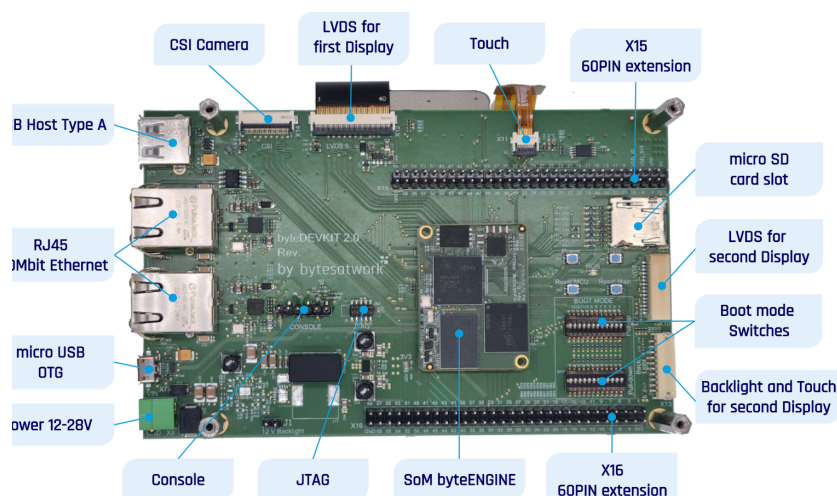
Ready to use: High adaptability, thanks to flexible structure, ensures short time-to-market and enables rapid prototyping. Test and implement your project as quickly as possible using our high performance system on modules with the TI AM62x CPU family.

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

TECHNICAL DATA byteDEVKIT

Connectors	2x 100MBit Ethernet RJ45
Hardware Slot	1x microSD Slot
Device Slot 1	1x USB Host Type A
Device Slot 2	1x USB OTG microUSB
Display and Touch	5-inch LVDS Touchscreen Display Extension Connectors for 2nd Display
Connector 60PIN X15	LCD, OSPI, MMC2, SPI0, MCAN, MCASP
Connector 60PIN X16	GPMMC, I2C1, MCU_I2CO, 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 CPU Family
Co-CPU	ARM® Cortex® M4F MCU 400 MHz
Memory	256 MB to 2048 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



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Help

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Further Product Information

More byteDEVKITs

