

FEATURES

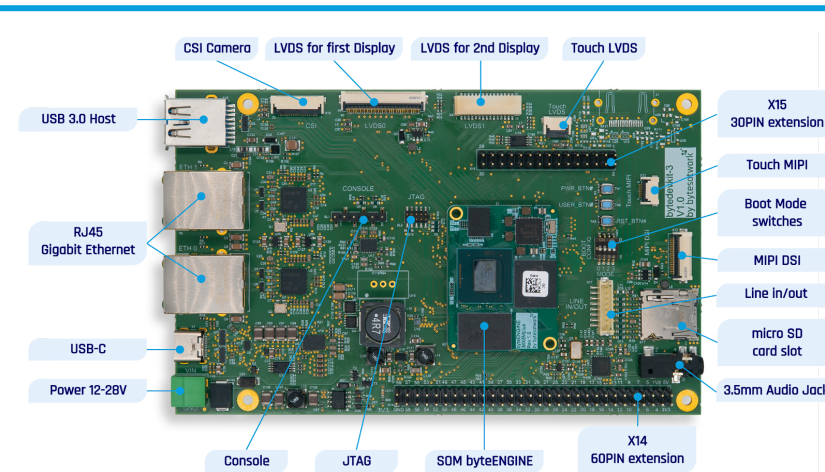
Ready to use: High adaptability, thanks to flexible structure, ensures short time-to-market and enables rapid prototyping. Test and implement your project as quickly as possible using our high performance system on modules with the NXP i.MX 8M Plus CPU family.

- Compatible with our NXP i.MX 8M Plus System on Modules
- High adaptability and flexible connectivity thanks to a broad range of interfaces

TECHNICAL DATA byteDEVKIT 3

Connectors	2x Gigabit Ethernet RJ45
Hardware Slot	1x microSD Slot
Device Slot 1	1x USB 3.0 Host
Device Slot 2	1x USB 3.0 USB-C with Powerdelivery controller
Display and Touch	5-inch LVDS Touchscreen Display or 5-inch MIPI DSI Touchscreen Display
Connector 60PIN	GPIO, SAI, SAI5, SPI1, UART, I2C3, SD1
Connector 30 PIN	CSI2, PCIE
WIFI	Wifi-Ready with optional bytesatwork WIFI-Extension

CONNECTORS OVERVIEW



SOM byteENGINE SPECIFICATION

CPU Up to quad core ARM® Cortex® A53 of NXP i.MX 8M Plus CPU Family

Co-CPU ARM® Cortex® M7 up to 800 MHz

Memory 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

Dimensions 30 x 40 mm

byteDEVKIT CONTENT

The byteDEVKIT 3 includes:

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



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Help

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Further Product Information

More byteDEVKITs

