

FEATURES

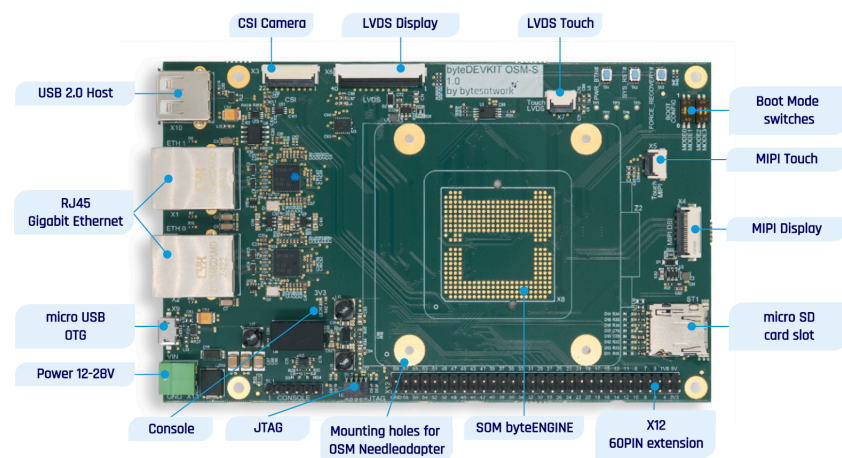
Plug and play; with the soldered byteENGINE, you benefit from high adaptability and short time-to-market, which enables rapid prototyping. Save time using our high performance system on modules.

- Compatible with our NXP i.MX9x and ST STM32MP25 System on Modules
- High adaptability and flexible connectivity thanks to a broad range of interfaces

TECHNICAL DATA byteENGINE

	STM32MP25x	IMX9x
CPU	Single or Dual core ARM Cortex® A35 of ST STM32MP25 CPU Family	Single or Dual core ARM Cortex® A55 of NXP i.MX 9x CPU Family
Co-CPU	Cortex® M33 MCU 400 MHz	Cortex®M33 MCU 2500 MHz
Memory	512 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, 2 W	
Dimensions	30 x 30 x 3 mm	

CONNECTORS OVERVIEW



TECHNICAL DATA byteDEVKIT-OSM

Connectors	2x Gigabit Ethernet RJ45
Hardware Slot	1x microSD Slot
Device Slot 1	1x USB 2.0 Host
Device Slot 2	1x USB OTG microUSB
Display and Touch	5-inch LVDS Touchscreen Display or 5-inch MIPI DSI Touchscreen Display
Connector 60PIN	GPIO, SAI, SPI,CAN; PWM, ADC

byteDEVKIT CONTENT

The byteDEVKIT-OSM includes:

- Power Supply
- Console Cable
- 5-inch LVDS or MIPI Touchscreen Display (optional)
- SD-Card with pre-installed embedded Linux



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Help

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Further Product Information

More byteDEVKITs

