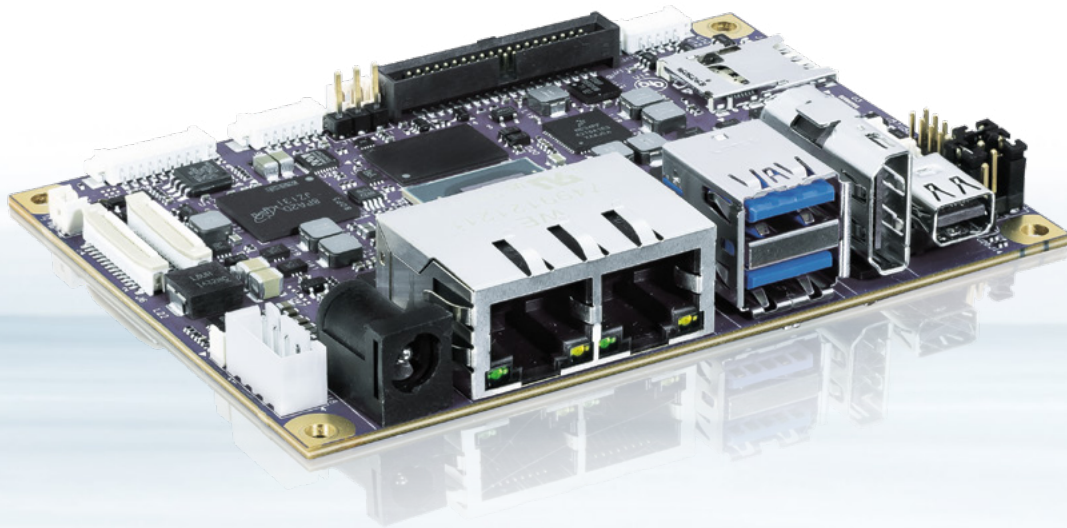


pITX-imx8m



Embedded pITX Single Board Computer with NXP Arm® Cortex® -A53 CPU

- ▶ 1x M.2 B-Key Half-size Connector with PCIe, USB 3.0 and micro SIM interface
- ▶ 1x Dual-Stacked USB 3.0 Rear Port
- ▶ 2x 10/100/1000 Gigabit Ethernet Rear Port
- ▶ Graphic interfaces 1x mini eDP, 1x Internal Dual Channel LVDS Header, 1x HDMI
- ▶ 12 V DC Power Supply

POSSIBILITIES START HERE

pITX-imx8m

Single Board Computer

The pITX-imx8m is a board with embedded multi-core processor graphic power. At least the connectivity is provided by two GBit Arm® Cortex-A53. It combines a small form-factor with excellent interfaces.

▶ TECHNICAL INFORMATION

FORM FACTOR	pico ITX family with 100 mm x 72 mm x 1.6 mm (PCB)
PROCESSOR	NXP's processors - iMX8 M Quad 1.3 GHz (Industry) - iMX8 M Quad 1.5 GHz (Consumer) - iMX8 M Quad Lite 1.5 GHz (Consumer) - iMX8 M Dual 1.3 GHz(Industry) - iMX8 M Dual 1.5 GHz with Dolby Vision (Consumer)
SYSTEM MEMORY	Up to 8 GByte LPDDR4 3200 MTps Memory Down
STORAGE	Up to 128 GByte eMMC Memory v5.1 as MLC, or up to 64 GByte pseudoSLC, microSD Card
EEPROM	Atmel AT24C32 for board information
USB	2x USB 3.0 at rear I/O, 1x USB 2.0 internal, 1x USB OTG side I/O
ETHERNET	2x 10/100/1000 Gigabit Ethernet at rear I/O
LVDS	Dual Channel LVDS
SPI I²C	Winbond W25Q128/Macronix MX25L128/Micron N25Q128 1x SPI/I ² C internal header, optional 16 MByte on-board SPI Flash
GPIO	8x GPIO internal header
AUDIO	1x SPDIF internal headers, 1x Line-In, Line-Out and Microphone-In internal header
POWER	12 V DC/1x Locking barrel-type DC Power Jack, 1x Internal 4-pin Power connector
SECURITY	TPM 2.0 Infineon SLB9670XQ2.0
EXPANSION SLOT	M.2 Key B size 2242 with PCIe, USB 3.0, USB 2.0, UIM (microSIM)