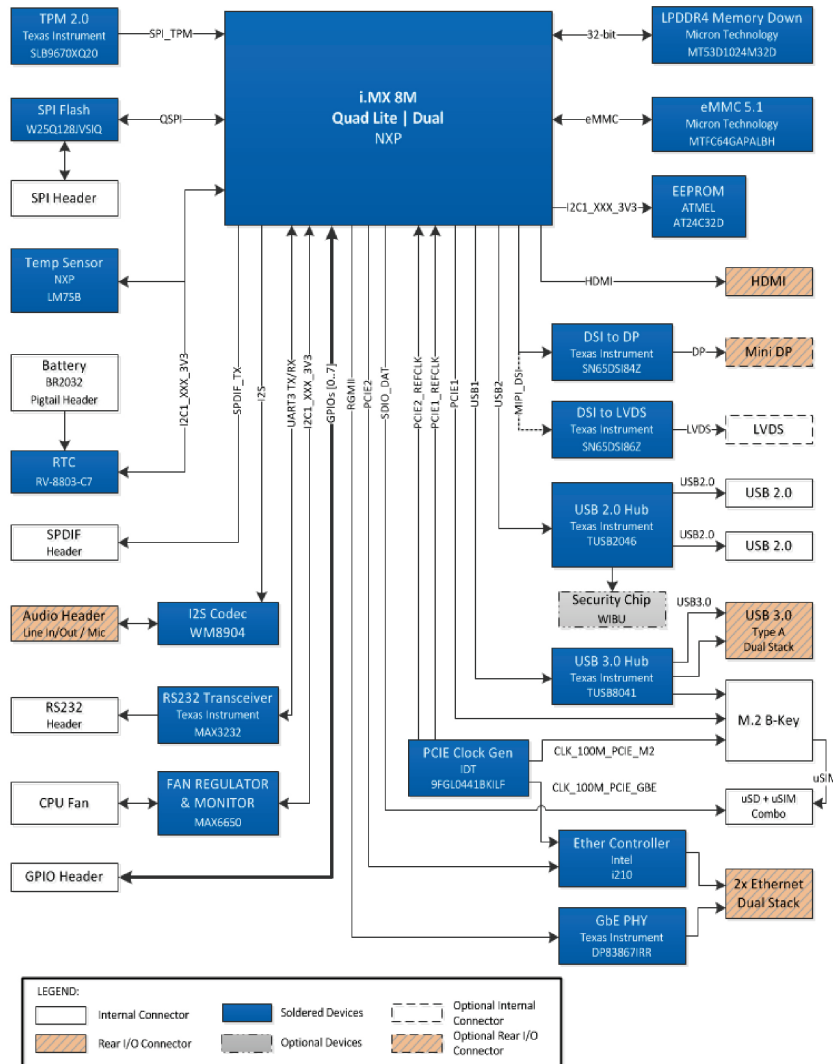


Single Board Computer pITX-MX8M



PRODUCT HIGHLIGHTS

- ▶ 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 USB 2.0 via Internal Header
- ▶ 2x 10/100/1000 Gigabit Ethernet Rear Port
- ▶ Graphic interfaces 1x mini DP, 1x Internal Dual Channel LVDS Header, 1x HDMI

The pITX-iMX8M is a board with embedded multi-core processor Arm Cortex-A53. It combines a small form-factor with excellent graphic power. At least the connectivity is provided by two GBit interfaces.

► TECHNICAL INFORMATION

Feature	Definition
Form Factor	pico ITX family with 100 mm x 72 mm x 1.6 mm (PCB)
Processor	NXP's processors 8M QuadLite (1.3 GHz/Industry) 8M QuadLite (1.5 GHz/Consumer) 8M Dual (1.3 GHz/Industry) 8M Dual (1.5 GHz/Consumer)
System memory	Up to 4 GB LPDDR4 3200 MTps Memory Down
eMMC	64 GB eMMC Memory v5.1
SPI Flash	Winbond W25Q128/Macronix MX25L128/Micron N25Q128
EEPROM	Atmel AT24C32 for board information
USB Hub	1x USB3.0 Hub, 1x USB2.0 Hub
Ethernet	2x 10/100/1000 Gigabit Ethernet with integrated magnetic and LEDs at rear I/O
LVDS	Dual Channel LVDS
GPIO	8x GPIO
Audio	1x SPDIF internal headers, 1x Line-In, Line-Out and Microphone-In headers at rear I/O
Power	1x Locking barrel-type DC Power Jack, 1x Internal 4-pin Power connector
Security	WIBU CodeMeter ASIC 1504-03

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