Embedded board NXP i.MX 9596 SBC-SMARC-IMX95

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Linux



KEY FEATURES

- I.MX 9596, 6×A55 @1.8GHz + 1×M33 + 1×M7
- 8GB LPDDR4x, 64GB eMMC 5.1
- MIPI-DSI/MIPI-CSI, LVDS
- 2×1000M, 1×10G
- 4×USB 2.0, 2×USB 3.0, 1×USB OTG, 3×UART
- Android, Linux + QT
- 0~+70 (optionally: -40~+85)

Description

The NXP i.MX 9596 SBC-SMARC-IMX95 embedded board is distributed in Switzerland by DYNATIME SA for professional and industrial applications. It combines a NXP i.MX 9596 processor and the Linux system.

This embedded board (SBC) provides a compact and complete calculation base for developing your equipment: industrial interfaces, network connectivity, and video outputs are integrated directly onto the card.

Typical applications

- Development of OEM products
- IoT gateways and edge computing
- Controllers of machines and automation
- Displays, dynamic display and HMI

Technical specifications

Variant 1 (SOM): 1.8GHz, 8GB, 64GB eMMC, HDMI2.0, WIFI5, Dual LVDS, I2S, 2xMDI, 4xUSB, 3xUART, 2xPCIE, UXSGMII, SDIO, Android	
Version 2 (evaluation kit)	1.8GHz, 8GB, 64GB eMMC, , 2xRJ45, HDMI, Dual LVDS, 2xUSB Type-A, 2xUSB Header, 2xRS232, 1×RS485, Android
Accessory	Power adapter (US, CN, UK or EU plugs) (recommended)
Accessory	Heat sink (recommended)
Accessory	WIFI Antenna Cable
Accessory	USB Debug Module
Software option	Ubuntu (to be announced)

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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dynatime.ch/en/catalog/embedded-board-nxp-i-mx-9596-sbc-smarc-imx95/

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