

Pokini G iMX8

Multi purpose IoT gateway



For IOT Usecases



24/7 operation



Dustproof

Pokini G

Specifications

OS	• Debian Linux
	• Yocto Project
	• U-Boot
	• BalenaOS
	• Microsoft Azure IoT
	• Docker
CPU	NXP i.MX8M Mini, Cortex-A53 (4x 1.80GHz)
RAM	2-4 GB LPDDR4
Storage	16-32 GB eMMC
Graphics	No graphics interface, only console
LAN	1x RJ45 @ 10/100/1000 Mbit/s 1x RJ45 @ 10/100 Mbit/s
Power supply	Input 8-36V DC TDP: 5-10 Watt

Interfaces

Front side	• USB 2.0 • Debug/Console/COM
Back side	• 2x LAN • 2x USB 2.0 • RS-232/RS485 2-wire • DC-In

Additional data

Size	112 x 25 x 84 mm
Weight	approx. 450 g
Warranty	2 Years Bring-In
Image stability	Available until 2024
Optional extensions	• TPM • PoE-In • 8x GPIO • CAN-FD/ COM

Special features

Environment	• Temperature: -40 °C up to +80 °C • Humidity: 10 % up to 90 %
Protection and Certification	• IP40
Features	• WiFi v6 incl. Bluetooth 5.1 • LTE incl. Micro-SIM • GPS/Glonass • Always-On • Wake-on-LAN • PXE-Boot

Available accessories

- VESA-Mount
- Spare PSU 230V AC (36W)

