

Article-No.: 135263

Pokini G

IMX8, 2GB RAM, 16 GB eMMC, WLAN, LTE, Debian Linux

Gateway for the Internet of Things

BIG DATA - Collecting and analyzing data:

In order to schedule maintenance work on machines, data must be collected, bundled and transmitted. A gateway is needed to evaluate and transmit this data. This is exactly where the Pokini G comes in. Thanks to its passive cooling, it is robust and resistant to external influences and does not require any moving parts. Low-maintenance and silent, the continuously operable Pokini G transmits your machine and sensor data to the local network, the exone cloud or to cloud services from other providers.

Technical data

processor onboard	NXP i.MX8M Mini, quad-core ARM Cortex-A53, 1.8GHz
memory onboard	2 GB
memory max. size	4 GB
memory technology	LPDDR4
memory type	LP
interfaces in front	1x USB 2.0, Micro USB (Debug/console/COM), Power-Button
rear interfaces	2x USB 2.0, 1x Seriell (RS485/ RS232, Terminal Block), 2x LAN, DC-In
WLAN chipset	Intel® Dual Band Wireless AX200 Wi-Fi 6
bluetooth	5.1
power supply	36 Watt, external
voltage input range	8 - 36V DC
operating temperature range	40°C to 80°C
IP protection class	IP 40
dimensions (WxHxD)	112 x 84 x 25 mm
material	aluminium
color	black
weight	0,5 kg
loudness	0 dB(A)
24/7 continuous operation	yes
available until	Q1 2024
Langzeitverfügbarkeit	2025
noise emission	0 dB(A)
operating temperature	-40°C to 85°C
atmospheric humidity	0% to 95% (non-condensing)
conformance	CE
grade	EXTRA Computer has a quality management system which is certified according to DIN ISO 9001



Highlights

- fanless
- continuous operation
- Real-Time Co-processor ARM Cortex-M4
- extremely small and compact

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