

EMBEDDED



Fanless IXS1000



- Industrial grade Raspberry Pi4 solution
- Fanless
- Multi-purpose-system through multiple compatible hard- and software building blocks



Factsheet

Physical properties

Chassis	Full-metal aluminium construction, black anodized
Dimensions	148x64x38 mm (WxDxH)
Cooling	Passive
Mounting options*	Mounting threads (slot nuts), DIN-rail, hanging fixture
Weight	0,5 kg

Hardware

Formfactor	RaspberryPI 4 model B
CPU	Broadcom 2711, 4x 1.5GHz
RAM	2, 4, 8GB DDR4
Storage	32GB industrial SD-Card
Graphics	Broadcom VideoCore VI

Communication

WLAN*	802.11 b/g/n/ac, Bluetooth 5.0
LTE*	-
Others	-

I/O

I/O side	2x µHDMI, 1x USB-C, 1x Audio
I/O back	2x USB 2.0, 2x USB 3.0, 1x RJ45 GLAN
I/O internal**	1x 40 pin GPIO header, MIPI DSI, MIPI CSI,

Power supply

PSU	-
Power input	5V DC-In, 5.5x2.1 mm plug PoE optional
Redundancy	-
Power draw	Idle: 1W, full-load: ~8W

Compatibility

OS	Ubuntu Linux, Raspberry OS, Windows 10 IoT Core
Others	

Environment

Operating temp. range / Humidity	0..50°C / 10...95%, non-condensing
Protection class	IP50

Compliance

Conformity	CE, RoHS, REACH
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General

Scope of delivery	IPC, documentation, certificate of conformity, din-mount brackets
Language	EN, DE
Long-term-availability	As long as RaspberryPI 4 model B is in the market
Warranty	3 years, 4/5 years*
Country of Origin	Germany
Tariff code	84715000

*Depending on actual system configuration / may require optional accessory

**Maybe occupied due to actual system configuration