



Technical Specifications and Declaration of Conformity

For the following equipment:

Product Name: Genrouter mini

Model Designation: not designated

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied:

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU):

EN 62368-1:2014+A11

TUV certificate No: R50454785

Electromagnetic Compatibility Directive (2014/30/EU)

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015+A11: 2020

Class B

Harmonic current EN IEC 61000-3-2:2019

Voltage flicker EN 61000-3-3:2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015 EN 55035: 2017+A11: 2020 EN IEC 61000-6-2:2019

ESD air EN 61000-4-2:2009

Level 3 8KV

ESD contact EN 61000-4-2:2009

Level 2 4KV

RF field susceptibility EN IEC 61000-4-3:2020

Level 3 10V/m

EFT bursts EN 61000-4-4:2012

Level 3 2KV/5KHz

Surge susceptibility EN 61000-4-5:2014+A1: 2017

Level 4 2KV/Line-Line

Surge susceptibility EN 61000-4-5:2014+A1: 2017

Level 4 4KV/Line-Earth

Conducted susceptibility EN 61000-4-6:2014

Level 3 10V

Magnetic field immunity EN 61000-4-8:2010

Level 4 30A/m

Voltage dip, interruption EN IEC 61000-4-11:2020 <5% residual voltage for, 70% residual voltage for 25 cycles, <5% residual voltage for 250 cycles

4 × RJ45 Ethernet,

4 × USB 3.0 / 2.0,

1 × HDMI,

1 × M.2 Key-M,

1 × DC-IN 12 V.

Note: The GenRouter Mini is a wired network, designed to be integrated into local computing or control systems. The device includes internal power supply and is assembled within a shielded metal enclosure that provides electromagnetic protection and operational stability.

This equipment does not contain any wireless communication modules, such as Wi-Fi, Bluetooth, or cellular modems. Network connectivity is achieved exclusively through wired Ethernet RJ45 ports.

Electromagnetic compatibility (EMC) performance has been verified in accordance with Directive 2014/30/EU and applicable European standards, ensuring compliance with Class B emission and immunity requirements for computing devices.

This declaration is valid for units manufactured

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AriesJian/Director, Group R&D:

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(Place)

Aries
Aug. 11th, 2021
(Date)