

Item no.: RTROM01-2G

Turris Omnia 2 GB Wi-Fi - Hi-Performance Router

from **270,54 EUR**

Item no.: RTROM01-2G
shipping weight: 0.60 kg
Manufacturer: Turris Omnia



Product Description

Turris Omnia 2 GB Wi-Fi - Hi-Performance Router [More than Just a Router - The Open-Source Center of Your Home](#)

A home router is necessary to connect you to the Internet, but it is idle most of the time, just eating electricity. Why not use it for more tasks? With powerful hardware, RTROM01-2G can handle Gigabit traffic and still be able to do much more. You can use it as a home server, NAS, print server and it even has a virtual server built-in. [Performance](#)

High-power dual-core ARMv7 CPU at 1.6 GHz, 2 GB RAM and 8 GB eMMC means PC-like performance. The device is designed for high load and long lifespan. [Open Source](#)

Open hardware running free operating system based on OpenWrt. It enables you to make your own software modifications and secures you top-level privacy. Open hardware guarantees that you know what is inside. No backdoors, no calling home. We are able to deliver our router as a whitelabel device, and even do some hardware modifications according to customers' demands. You can upload your own software too. [High Throughput Network Setup](#)

RTROM01-2G has three Gigabit interfaces in the processor. Thanks to good HW design you can reach a full Gigabit speed in a full duplex mode between WAN and LAN. This means your router will not slow down your Internet connection. You can also dedicate one Gigabit line to a single LAN port via a VLAN to guarantee its speed in presence of other traffic. [Packaging Content](#)

- Main unit
- 3x antennas
- Wall mount
- AC power adapter
- 3x power terminals (EU, UK, US)
- RJ-45 LAN cable
- User manual

Specifications

CPU: Marvell Armada 385, dual-core 1.6 GHz

Memory: 2 GB DDR3

Storage: 8 GB eMMC

Antenna type:

2x2 MIMO omni-directional high-gain dipole (2.4 GHz)

3x3 MIMO omni-directional high-gain dipole (5 GHz)

Antenna gain: 3x 2.4 GHz 3.5 dBi, 5 GHz 4.6 dBi

LAN port: 5x 10/100/1000 Mbps (RJ-45)

WAN port: 1x 10/100/100 Mbps (RJ-45) + SFP up to 2.5 Gb

External ports: 2x USB 3.0 (5 V, 1.5 A power output)

Internal interfaces:

1x UART (4 pins header)

1x miniPCIe/mSATA

1x miniPCIe (without USB and SIM Lock)

1x miniPCIe (with USB and SIM Lock)

1x 5-pin power connector for SATA drives

Button and switch: Reset, LED intensity

Size (width x depth x height): 190 x 135 x 40 mm (without antenna)

Weight: 1180 g

Power supply:

AC input: 100–240 V / 1.0 A
DC output: 12 V / 3.33 A
Power consumption: 5 - 40 W max. (depends on connected peripheries)
Operating temperature: 0°C to 40°C (40°F to 104°F)
Storage temperature: -20°C to 60°C (-5°F to 140°F)
Relative humidity: 10% to 90% RH
Certification: CE

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All details, up-to-date
prices and availability

