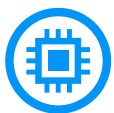# TURRIS OMNIA NG WIRED

HIGH-PERFORMANCE 10 GBPS ROUTER

4-CORE CPU
64 bit architecture ARMv8

10 Gbps
WAN/LAN

Wi-Fi 7 ready
Can be expanded with
Wi-Fi 6 / Wi-Fi 7 using
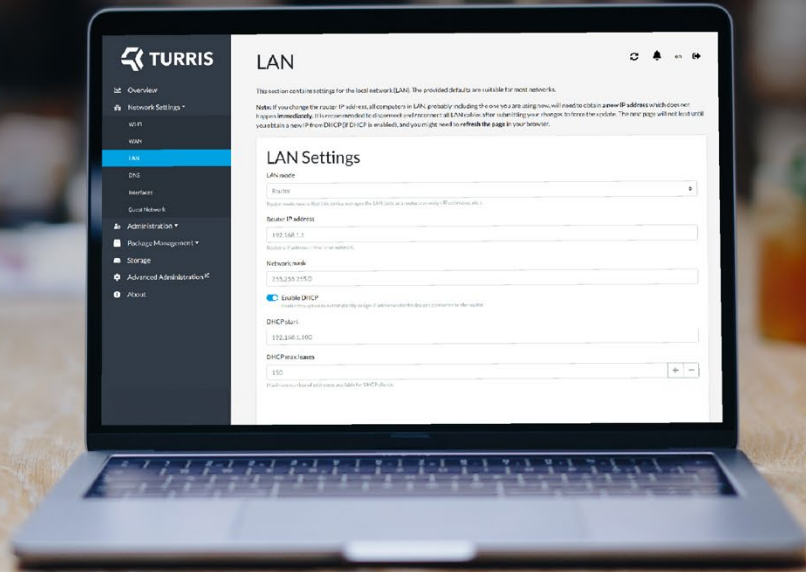the available upgrade kit

NVMe and 5G ready
The M.2 slot enables easy
connection of an NVMe storage
drive and a 4G / 5G modem

LINUX BASED

Turris OS is a Linux distribution based on OpenWRT. Turris devices allow you to use your favorite Linux distribution and LXC containers.

↻ **Automatic updates**

⊡ **Easy to use web UI**

PASSIVE COOLING

The CPU and M.2 slots offer high performance. However, device still remains passively cooled.
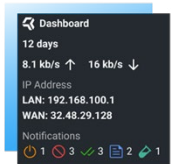
FAST INTERFACES

SFP+ (10 Gbps) and RJ45 (2.5 Gbps) ports. Multiple technologies and multiple uplinks supported.

UP TO 8 ANTENNAS

You can add a Wi-Fi upgrade kit and a 5G modem, ensuring you're always online while maintaining high throughput.
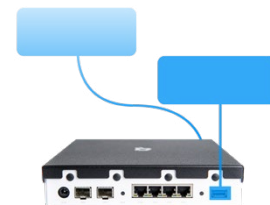
COLOR DISPLAY

The LED diodes are complemented by a color display that shows all the necessary information.

RACK-MOUNT READY

The smart, modular design makes it easy to install and frame mount.

EXTENSIBLE

Three M.2 slots and two USB 3.0 ports can be used for storage or additional peripherals (e.g., a 5G modem).

www.turris.com

CATCH YOUR HACKER

Turris Sentinel: a distributed dynamic firewall with thousands of updates per day based on real-time threat assessments from the entire Turris ecosystem deployed worldwide.

🛡 **IDS**

🔍 **Netflow monitoring**
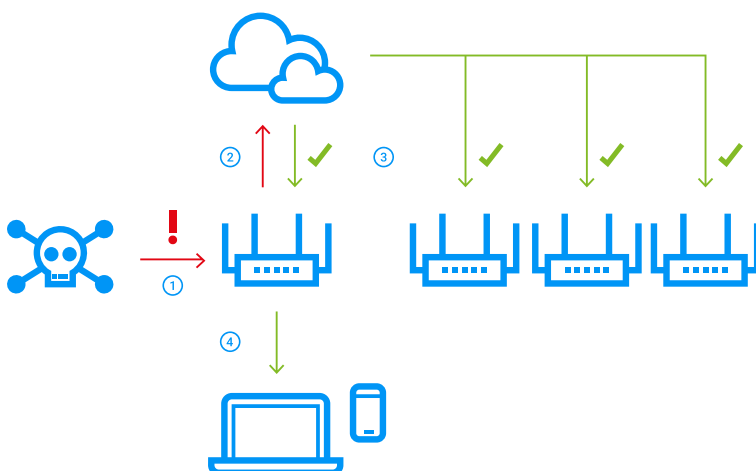
4 500+
attacks on each router per day

2
seconds takes Turris to detect an attack and send an update

15 000
security updates daily

TURRIS SENTINEL

① An attacker tries to infiltrate your network from the Internet and infect your device. Fortunately, there is a Turris router in the way.

② The Turris router tries to lure attackers into man-made traps and then sends all data about the potential attacker to the Turris headquarters. Here, the information is evaluated, compared with data from other Turris routers and analyzed.

③ Whenever an attack is detected, new firewall updates are sent to all routers in real time to prevent this attack from succeeding. In this way, users help to protect each other by sharing information about new security threats.

④ Your home network, containing many devices often without any resistance to outside attacks, is protected.

www.turris.com

SUSTAINABILITY

The longer life cycle of Turris products, thanks to long-term support and upgradable software and hardware, benefits both users and the company as a whole.

LONG-TERM SUPPORT

Updates continue to be provided even for devices older than 10 years, including new features.

UPGRADABLE SW & HW

Frequent software updates and hardware extensibility thanks to M.2 and USB 3.0 slots.

TURRIS OMNIA NG WIRED – KEY FEATURES

4-core CPU ARMv8 @ 2,2 GHz	WAN 1× SFP+ (10 Gbps)	LAN 1× SFP+ (10 Gbps) + 4× 2,5 Gbps RJ45
240 × 240 px IPS display	Reset + D-pad buttons	Internal storage 8GB eMMC
Internal storage extension 1× NVMe	RAM 2 GB	Passive cooling
5G ready	Wi-Fi 7 ready	DIY