



OWR340NF

N300 Wi-Fi Router

Wi-Fi 4 (802.11n), 2.4GHz, 1x100Base-TX WAN, 4x100Base-TX LAN, wall mounting



OWR340NF is a wireless N300 router with 1 100Mbps WAN port and 4 100Mbps LAN ports.

The ORIGO OWR340NF wireless router is designed to set up home networks with uninterrupted internet access with plans of up to 100Mbps, supports Wi-Fi with speeds of up to 300Mbps, and can operate as an access point, wireless repeater, Wi-Fi client, or WISP repeater.

The Multi-WAN feature allows to configure multiple WAN ports and connect to different internet service providers. If the primary connection fails, the router will automatically switch to the backup one.

The router is fully adapted to work with IPTV, supports the creation of a guest Wi-Fi network and basic parental control functionality including a URL filter and Wi-Fi scheduling.

Key Features

- For internet plans with speeds up to 100Mbps
- Wi-Fi with speeds of up to 300Mbps in the 2.4GHz band
- 1 100Mbps WAN port, 4 100Mbps LAN ports
- 2 external 5dBi antennas
- Multi-WAN for internet connection backup
- 5 operating modes
- Wall mounting available



Specification

Hardware

Processor	<ul style="list-style-type: none">• MT7628NN (580MHz)
RAM	<ul style="list-style-type: none">• 64MB, DDR3, built in processor
Flash	<ul style="list-style-type: none">• 16MB, SPI
Ports	<ul style="list-style-type: none">• 1 10/100BASE-TX WAN port• 4 10/100BASE-TX LAN ports
LEDs	<ul style="list-style-type: none">• Internet• 2.4GHz• Power
Buttons	<ul style="list-style-type: none">• WPS/RESET button to set up wireless connection and restore factory default settings
Antennas	<ul style="list-style-type: none">• 2 external non-detachable omnidirectional 5dBi antennas
MIMO	<ul style="list-style-type: none">• 2x2
Power Connector	<ul style="list-style-type: none">• Power input connector (DC)
Mounting	<ul style="list-style-type: none">• Desktop• Wall

Wi-Fi Parameters

Standards	<ul style="list-style-type: none">• IEEE 802.11n• IEEE 802.11g• IEEE 802.11b• IEEE 802.11k
Frequency Range	<ul style="list-style-type: none">• 2400 ~ 2483.5MHz
Wireless Connection Rate	<ul style="list-style-type: none">• 2.4GHz<ul style="list-style-type: none">- 11n: up to 300Mbps- 11g: up to 54Mbps- 11b: up to 11Mbps
Wireless Connection Security	<ul style="list-style-type: none">• WPA/WPA2 (Personal/Enterprise)• MAC filter• WPS (PBC/PIN)



Advanced Functions	<ul style="list-style-type: none">• WMM (Wi-Fi QoS)• Information on connected Wi-Fi clients• Advanced settings• Guest Wi-Fi / support of MBSSID• Periodic scan of channels, automatic switch to least loaded channel• Autonegotiation of channel bandwidth in accordance with environment conditions (20/40 Coexistence)• Support of STBC
Transmitter Output Power	<ul style="list-style-type: none">• Less than 20dBm (100mW)

Software

Operating Modes	<ul style="list-style-type: none">• Router• Access point• Wi-Fi client• Wi-Fi repeater• WISP repeater
WAN Connection Types	<ul style="list-style-type: none">• PPPoE• IPv6 PPPoE• PPPoE Dual Stack• Static IPv4 / Dynamic IPv4• Static IPv6 / Dynamic IPv6• PPPoE + Static IP (PPPoE Dual Access)• PPPoE + Dynamic IP (PPPoE Dual Access)• PPTP/L2TP + Static IP• PPTP/L2TP + Dynamic IP

<p>Network Functions</p>	<ul style="list-style-type: none"> • DHCP server/relay • Advanced configuration of built-in DHCP server • Stateful/Stateless mode for IPv6 address assignment, IPv6 prefix delegation • Automatic obtainment of LAN IP address (for access point/repeater/client modes) • DNS relay • Dynamic DNS • Static IPv4/IPv6 routing • IGMP Proxy • Support of UPnP • Support of VLAN • WAN ping respond • Support of SIP ALG • Support of RTSP • Multi-WAN support • WAN failover • LAN/WAN conversion • Autonegotiation of speed, duplex mode, and flow control / Manual speed and duplex mode setup for each Ethernet port • Built-in UDPXY application • Wake-on-LAN support
<p>Firewall</p>	<ul style="list-style-type: none"> • Network Address Translation (NAT) • Stateful Packet Inspection (SPI) • IPv4/IPv6 filter • MAC filter • URL filter • DMZ • Virtual servers • Built-in SkyDNS web content filtering service
<p>VPN</p>	<ul style="list-style-type: none"> • IPsec/PPTP/L2TP/PPPoE pass-through • PPTP/L2TP tunnels
<p>Management and Monitoring</p>	<ul style="list-style-type: none"> • Local and remote access to settings through SSH/TELNET/WEB (HTTP/HTTPS) • Web-based interface for configuration and management • Notification on connection problems and auto redirect to settings • Firmware update via web-based interface • Automatic notification on new firmware version • Saving/restoring configuration to/from file

	<ul style="list-style-type: none"> • Support of logging to remote host • Automatic synchronization of system time with NTP server and manual time/date setup • Ping utility • Traceroute utility • TR-069 client • SNMP agent • Schedules for rules and settings of firewall, automatic reboot, and enabling/disabling wireless network and Wi-Fi filter • Automatic upload of configuration file from server of internet service provider (Auto Provision) • Configuration of action for hardware buttons
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Physical Parameters

Device dimensions (L x W x H)	<ul style="list-style-type: none"> • 147 x 130 x 34 mm
Device weight	<ul style="list-style-type: none"> • 140 g
Package dimensions	<ul style="list-style-type: none"> • 22.5 x 21 x 6 cm
Gross weight	<ul style="list-style-type: none"> • 360 g

Operating Conditions

Power	<ul style="list-style-type: none"> • Output: 12V DC, 0.5A • Power adapter cable length: 1.45 m
Max Power Consumption	<ul style="list-style-type: none"> • 4.5W
Temperature	<ul style="list-style-type: none"> • Operating: from 0 to 40 °C • Storage: from -10 to 70 °C
Humidity	<ul style="list-style-type: none"> • Operating: from 10% to 90% • Storage: from 5% to 90%

Package Contents

Package Contents	<ul style="list-style-type: none"> • Router OWR340NF • Power adapter (1.45 m cable length) • Ethernet cable (1 m) • Quick Installation Guide
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Order Info

OWR340NF	N300 Wireless Router, 100Base-TX WAN, 4x100Base-TX LAN
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