

LevelOne WBR-6002 N Wireless Router

SILVER WIRELESS SURFER

One of the easiest wireless routers to use

TEXT // JEREMY CHEONG

To some people, when it comes to gadgets and devices, they only look for the necessities without the bells and whistles. All they want is something that does the job well and they will be happy with it. Wireless routers tend to be more complicated and fiddly when it comes to setting-up and this may irritate those that want a router that just needs to be simply plugged in and used. Enter the LevelOne WBR-6002 N Wireless Router, a user-friendly and easy to set up router.

Aesthetically, some may not like the WBR-6002 as it may look too plastic-like thus making it look tacky and cheap but we urge you to look beyond its metallic silver paint and at its performance. One of the outstanding features of the WBR-6002 has to be the large "LevelOne" logo on the top of the router, other than that it looks the same as most other routers. On the front, you have the WPS and Auto Channel Selections buttons and LED that informs users regarding the status of the router. As for the back, all you will find are four LAN ports, one WAN port, a DC-in port and of course the antenna screw.

Setting-up the WBR-6002 is fantastically easy. All you have to do is plug in all the necessary cables, turn it on and it is good to go. No drivers need to be installed and no software is needed. For those who want to further configure the router's settings, all they have to use is the splendidly user-friendly Web-based user interface. From here, users will be able to configure every aspect of the router from the usual IP addresses to the more advanced such as security and other features.

Seeing as the WBR-6002 is a 150Mbps wireless router, it still fared pretty well during our extensive tests. Also, we would like to note that we used the optional N Wireless USB Adapter and received two different results for our tests. At 2 meters away without the adapter, it took 6 minutes 44 seconds to transfer the files with a minimum transfer speed of 72Mbps and 62% network usage. By using the adapter, transfer speeds were increased and time was cut down by 50% which resulted in a transfer time of 3 minutes 5 seconds at 121Mbps with 78% network usage. The same results were achieved

when we moved 10 and 20 meters away from the router. Although the N Wireless USB Adapter performed as advertised, it still didn't reach its full potential of 150Mbps and we also noticed quite a bit of fluctuation especially with further distances.

With that being said, we would still recommend the LevelOne WBR-6002 N Wireless Router to those who just want wireless access for their home and a moderate amount of usage. Although the N Wireless USB Adapter is optional, we would also recommend it as it will definitely make a difference.

AT A GLANCE

WI-FI
N / G / B

MAX SPEED
150Mbps

USER-INTERFACE
Web-based

QOS
Yes

PRICE
RM108

SPECIFICATIONS NETWORK STANDARD IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.1x, IEEE 802.11e, IEEE 802.3x, IEEE 802.3, IEEE 802.3u // **OPERATING FREQUENCY** 2.4 - 2.4835GHz // **OPERATION CHANNEL** 11 for North America, 13 EU, Japan // **ETHERNET PORT** 4x 10/100 Mbps Auto-MDIX RJ-45 Port, 1x 10/100 Mbps Auto-MDIX RJ-45 Port // **WAN STANDARDS** Static IP Address, Dynamic IP Address (DHCP Client), PPPoE, PPTP, L2TP // **WIRELESS DATA TRANSFER RATE** 802.11n: 150 - 78 Mbps, 802.11g: 54 - 6 Mbps, 802.11b: 11 - 1 Mbps // **TRANSMITTER OUTPUT POWER** PA RF Power: 18dBm // **WIRELESS FEATURES** Wireless Signal On / Off Button, Auto Channel Selection, Supports WISP Connection // **WIRELESS SECURITY** WEP 64/128-bit, WPA, WPA2, 802.1x RADIUS support, 128-bit TKIP/AES, SSID Broadcast On/Off, WiFi Protect Setup (WPS) Push Button // **WDS** One-to-Many peer AP (Max: 4 peer APs) // **FIREWALL** DoS Detection, NAT Firewall with SPI mode, Virtual Server, DMZ, Schedule-based MAC, IP, Domain and URL filtering // **QOS SUPPORT** Port Number and IP Address Traffic Prioritization, 802.11e WMM // **OTHER FEATURES** DDNS, UPnP, NTP Time Server, VPN Pass-Through (PPTP, IPsec, L2TP) // **MANAGEMENT** Web-based GUI configuration, Syslog monitoring, Email alert // **FIRMWARE UPGRADE** Web-based (HTTP) // **ANTENNA** 2dBi dipole (5dBi option available) // **POWER ADAPTER** DC 12V with maximum 1A current // **DIMENSIONS** 125mm(L) x 109mm(W) x 30mm(H) // **WARRANTY** Lifetime // **CONTACT** Ivenue Solutions Sdn Bhd // **TELEPHONE** (03) 5632 5211 // **URL** www.levelone.com



Verdict:

SILVER
HWM
MALAYSIA

PHYSIQUE: 8.0
FEATURES: 8.0
PERFORMANCE: 8.0
USER FRIENDLINESS: 8.5
VALUE: 8.0

VERDICT SCORES ARE OUT OF 10.

Available at
PLAZA LOW YAT
shopping centre



A simple and intuitive Web user-interface



Optional but increases speeds by 50%