

ALLNET ALL-WR02400N / WiFi Modem-Router f. ADSL2+ Annex B/J

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EAN CODE



Highlights:

- Ultra Fast Internet thanks to **integrated ADSL2+ modem**
- **New: supports Annex B & J (splitter-free Operations e.g. "Telekom Call & Surf IP"**
- Up to **24 Mbps Download rate** for ultra-fast downloads, IP-TV, gaming, etc. (depending on provider)
- Up to **3,5Mbps Upload (with Annex J enabled)**
- Latest **wireless N technology** for transfers of **up to 300 Mbit/s**
- Powerful SPI firewall with DoS (Denial of Service) Protection, Built-in NAT, MAC and packet filter, DMZ and many more

With the ALL-WR02400N brings ALLNET the modem router on the market, which is suitable for ADSL2 + broadband connections. An external modem is not necessary.

By supporting ADSL2 + technology, the speed advantages of modern high-speed connections can be utilized perfectly and achieve download speeds of up to 24Mbit/s depending on the provider. In addition, the router also achieved thanks to the latest Wireless-N technology transfer rates up to 300 Mbps and is perfect for online gaming, IPTV, HD video and audio streaming and voice over IP compatible. The two antennas contained ensure a long-range transmission of the wireless signal. To ensure full functionality with maximum flexibility, the router still has four additional LAN ports.

In addition, the router has the latest WPA2 encryption technology, allowing secure data transmission within the network. Due to the integrated SPI firewall with DoS protection, Built-in NAT, MAC and packet filters, and DMZ maximum safety is achieved, which promises to provide additional safety especially for the discerning consumer.

The configuration of the ALL-WR02400N can quickly and easily perform the intuitive web interface and can therefore be administered across operating systems from any device. With a power consumption of only 5 watts,



the router modem combination is perfect for continuous use. At the front of the unit LED for visual indication of the number of operating conditions are attached.

Technical details:

Item	Specification
ADSL Profile:	<ul style="list-style-type: none"> • Full-Rate ANSI T1.413 issue 2 • ITU G.992.1 (G.DMT) Annex B • ITU G.992.2 (G.Lite) Annex B • ITU G.992.3 (Annex J) • ITU G.992.3 (G. dmt.bis) Annex B • ITU G.992.4 (G.lite.bis) Annex B • ITU G.992.5 (ADSL2+) Annex B • ITU G.994.1 (G.hs) • Compatible with most Major DSLAM Equipments
ATM and PPP Features:	<ul style="list-style-type: none"> • RFC2684 Bridge and Routed LLC&VC • RFC2364 PPP over ATM ALL5 • RFC2516 PPP over Ethernet • FRC2225/RFC1577 Classical IP over ATM • RFC1483 Transparent Bridge • RFC1483/2684 Bridged Ethernet • ATM Formum UNI 3.1/4.0, ATM Adaption Layer Type 5-AAL5 • VPI Range (0-255) and VCI Range (32-665535) • UBR, CBR, VBR-rt, VBR-nrt • F4/F5 OAM Loopback • AIS and RDI OAM cells • Support 16 PVCs
Network Protocol:	<ul style="list-style-type: none"> • Static IP, Dynamic RIPv1, RIPv2 support • MTU Adjustment • Network Adress Translation (NAT) • PVC Port Mapping (Ethernet Ports) • Port Forwarding • NAT Application Level Gateway for Applications • DHCP Server/Relay/Client • DNS Relay Agent • DMZ support • DDNS support • SNMP v1, v2 Support • UPnP (Universal Plug and Play) • TR69 CWMP • PPP Auto Reconnect and configurierbare timeouts • PPP Auto Reconnect on WAN ACESS/PPP on Demand • IGMP v1/v2 snooping • IGMP Multicast Support



	<ul style="list-style-type: none"> • ALG für SIP und H.323
WLAN Standards:	<ul style="list-style-type: none"> • IEEE 802.11b/g • IEEE 802.11n
Modulation:	<ul style="list-style-type: none"> • OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO Modulation Scheme Wireless • IEEE802.11n: BPSK, QPSK, QAM-16, QAM-64 • IEEE802.11g: BPSK, QPSK, QAM-16, QAM-64 • IEEE802.11b: CCK, QPSK, BPSK
Data rates:	<ul style="list-style-type: none"> • IEEE 802.11b: 1, 2, 5.5 and 11 Mbps • IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • IEEE 802.11n: bis zu 300Mbps
Network Interface:	<ul style="list-style-type: none"> • 4x RJ45 10/100BaseT
WLAN Security:	<ul style="list-style-type: none"> • 64/128-Bit WEP • WPA-PSK and TKIP/AES • WPA2-PSK and TKIP/AES • WPS via push Button • Access Control List • Multi-SSID
Firewall:	<ul style="list-style-type: none"> • Built-in NAT • MAC Filtering & IP Filtering • Parental Control • Stateful Packet Inspection (SPI) • Denial of Service Prevention (DoS) • PAP/CHAP Authentication for PPP mode • ALG (application-level gateway) for NAT/PAT support
QoS:	<ul style="list-style-type: none"> • Classification rules • Priority Queuing • 802.1p
Supported Operating Systems:	<ul style="list-style-type: none"> • All network-capable operating systems (TCP/IP)
Configuration:	<ul style="list-style-type: none"> • Web GUI • Telnet or Command Line Interface via serial • German Firmware Upgrade via FTP/HTTP • Supports Remote Access Control • Diagnostics Test
VPN Pass-Trough:	<ul style="list-style-type: none"> • IPSEC/PPTP/L2TP Pass-trough
Power consumption:	<ul style="list-style-type: none"> • 5 Watt maximum
LED-Indicators:	<ul style="list-style-type: none"> • 1 x Power • 4 x Ethernet • 1 x Wireless on/off • 1 x DSL (Sync) • 1 x INET (Internet)
Controls on the device:	<ul style="list-style-type: none"> • Service Button ON/OFF • WLAN Button ON/OFF



Part No.: 115050
Vendor Part No.: ALL-WR02400N

	<ul style="list-style-type: none">• WPS Button
Housing:	<ul style="list-style-type: none">• Plastic housing
Dimension:	<ul style="list-style-type: none">• Height/Width/Depth: 95 x 110 x 27 mm• Weight: 465 grams (only device)
Environment:	<ul style="list-style-type: none">• Temperature operating: 0 ~ 50 °C• Humidity operating: 10% ~ 90% (non condensed)• Temperature storage: -20 ~ 65 °C• Humidity storage: 30% ~ 95% (non condensed)
Marks:	<ul style="list-style-type: none">• CE
Package content:	<ul style="list-style-type: none">• ALL-WR02400N Router incl. WLAN Antennas• external Power Supply• RJ11 -> RJ11 DSL Cable• RJ45 -> RJ45 DSL Cable• TAE-F -> RJ11 DSL Cable for Annex J (splitter-free operation)• RJ45 Network Cable• CD and manual

Accessories

Part No.	Name
99141	ALLNET ALL0237R / Wireless 300Mbit Range Extender
108724	ALLNET ALL0238RD / Wireless 300Mbit Dual-Band 2, 4/5Ghz Rang
99305	ALLNET / ALL95100 TP Cat 6 / PoE Surge arrester
111798	ALLNET ALL0235NANO / Wireless N 150Mbit USB Stick
113600	ALLNET ALL0233DB / Wireless N 300Mbit Dual-Band 2, 4/5Ghz 2T
74713	ALLNET ALL0233EXT / 300 Mbit WLAN USB-Adapter with ext. Ante
119387	ALLNET ALL-WA0100N / 150Mbit Wireless Nano USB 2.0 Nano Adap
116361	ALLNET ALL-WA1200AC / 1200Mbit Wireless AC USB 3.0 Dual Band
93127	Grandstream SIP-ATA HandyTone HT704 4xFXS