

BandLuxe

HSPA+ WiFi Router

BandLuxe R300

3.75G HSPA+ WiFi Router

Features:

- HSPA+ Downlink up to **21Mbps**
Uplink up to 5.7Mbps
- Support WiFi 802.11 b/g/Pre-n
- UMTS 900/2100 MHz
- GSM 850/900/1800/1900 MHz
- Support WAN/LAN Ethernet Port
- External 3G Antenna Port Ready



3.75G



WiFi



Wireless

* Actual speed depends on the network conditions, coverage and load.

www.bandrich.com

www.simet.com.tr

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Form Factor

WiFi	802.11 b/g with Pre-n (1x1 antenna design, no diversity)
Modem	GPRS/EDGE/WCDMA/HSPA/HSPA+
Dimension (LxWxH, mm)	103.2 x 116 x 24
Weight	170g

Interface

Power On/Off Switch	Yes
3G Radio On/Off & Signal Strength Button	Yes
LAN Port	RJ45, 1 Port
WAN Port	RJ45, 1 Port
Power Supply Plug	Yes (12 V DC input)
SIM Slot	Yes

Connectivity and Data Speed

UMTS Band	900/2100MHz
GSM band	850/900/1800/1900MHz
HSPA/WCDMA Data Rate	Uplink: up to 5.7Mbps, Downlink: up to 21Mbps
WCDMA Power Class	Power Class 3
WLAN	802.11b/g with Pre-n 2.4GHz Band
LAN	Ethernet 10/100Mbps

Antenna

GSM/WCDMA Main Antenna	Embedded
WCDMA Rx Diversity Antenna	Embedded
3G External Antenna Port	Yes
WiFi Antenna	Embedded

Protocol

Default Connection	"UMTS First" or "Ethernet First" Customizable
Automatic WAN Connection Fail-over	Supported
WME Traffic Prioritization / Traffic Shaping	Supported
Fixed WAN Connection	DHCP, Static IP, PPPoE, PPTP, L2TP, PPP
UMTS/HSPA Connection	Connection On Demand, Connection When Available, Auto APN Matching with USIM
Security	Multiple VPN Pass-Through (IPSec, PPTP, L2TP), Internet Access Restriction, Firewall, DoS Prevention, Traffic and Event Logging
NAT-NAPT	Port Forwarding, Port Triggering, DMZ, Multicast Pass-Through, Static Routing, Dynamic Routing (RIP 1, RIP2), QoS
DNS	DNS Agent, DDNS
Browser-Based Administration GUI	GUI Setup Wizard in Web Browser. (English, French, German, Italian, Spanish, Portugal, Traditional Chinese, Russian, Dutch, Arabic, Polish, Thai)

Wireless LAN

802.11b Data Rate	1/2/5.5/11 Mbps, Auto or Fixed Rate
802.11g Data Rate	1/2/5.5/11/6/9/12/18/24/36/48/54 Mbps, Auto or Fixed Rate
802.11 Pre-n Data Rate	up to 135 Mbps without MIMO
Security	WPA2/WPA/AES/TKIP, WPA/WPA2 PSK Mode, 802.1x (identify all EAP Types Supported), None/64/128 bits WEP Encryption, MAC Filter, Open System and Shared Key Authentication, SSID Broadcast Disable
Other Features	Support up to 32 Simultaneous Wireless Users, WME

Status Indication

LED	UMTS, Roaming, WiFi, Ethernet, DIAG, Power, Error, 3G Signal Strength.
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Accessories

Power Adaptor	Yes, Input - 100~240V AC 50~60Hz, Output - 12V DC.
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Environment

Operation Temperature and Humidity	0°C to 40°C (32°F to 104°F), 10% to 80% Non-Condensing
Storage Temperature and Humidity	-20°C to 60°C (-4°F to 140°F), 5% to 90% Non-Condensing

Conformance

CE, RoHS