



Business Gateway Matrix



SBG3600-N
Wireless N VDSL2/ADSL2+ Multi-WAN Business Gateway



SBG3500-N
Wireless N VDSL2/ADSL2+ Combo WAN Fibre Business Gateway



SBG3300-N
Wireless N VDSL2/ADSL2+ Combo WAN Small Business Gateway

WAN			
WAN Port (Dedicated)	Two RJ-11 connectors for VDSL2/ADSL2+ One Gigabit RJ-45 and one SFP connector for fibre (dual personality)	Two RJ-11 connectors for VDSL2/ADSL2+ One Gigabit RJ-45 and one SFP connector for fibre (dual personality)	One RJ-11 connector for VDSL2/ADSL2+
Standard	VDSL2/ADSL2+ 17a Bonding	VDSL2/ADSL2+ 17a Bonding	VDSL2/ADSL2+ Single Line
SIM card slot	•		
3G/LTE Specifications			
Standard Compliance	3GPP release 8 (Cat 3)		
Operating Frequency	LTE Band 3/7/8/20		
Data Rate	100 Mbps DL within 20 MHz; 50 Mbps UL within 20 MHz		
RF Output Power	23 dBm		
No. of Antennas	2		
LAN			
10/100/1000 Gigabit Ethernet Port	4 x 10/100/1000M auto-detection MDI/MDIX RJ-45 ports	4 x 10/100/1000M auto-detection MDI/MDIX RJ-45 ports	4 x 10/100/1000M auto-detection MDI/MDIX RJ-45 ports
DMZ	Yes (LAN selectable)	Yes (LAN selectable)	Yes (LAN selectable)
USB 2.0 port	1	1	2
VLAN	802.1Q VLAN tag support	802.1Q VLAN tag support	802.1Q VLAN tag support
Multi-WAN			
Max. no. of Simultaneous WAN Connections	5	4	2
Mobile broadband	LTE built-in; 3G/LTE external USB dongle	3G/LTE external USB dongle	3G/LTE external USB dongle
VPN			
Connection	Client-to-site, Site-to-site	Client-to-site, Site-to-site	Client-to-site, Site-to-site
VPN protocol	IPSec, PPTP, L2TP	IPSec, PPTP, L2TP	IPSec, PPTP, L2TP
VPN session	20 Concurrent IPSec VPN tunnels	20 Concurrent IPSec VPN tunnels	20 Concurrent IPSec VPN tunnels
VPN High Availability	•	•	•
*VPN throughput	40 Mbps	40 Mbps	40 Mbps
Security			
Stateful Packet Inspection (SPI)	•	•	•
URL keyword blocking (Whitelist and Blacklist)	•	•	•
Time schedule control	•	•	•
Wireless			
Wireless Standard	2x2 802.11n, up to 300 Mbps (2.4Ghz)	2x2 802.11n, up to 300 Mbps (2.4Ghz)	2x2 802.11n, up to 300 Mbps (2.4Ghz)
No. of SSIDs	4	4	4
Built-in AP controller	•	•	•
Managed AP number (default/max.)	2/10	2/10	
Management			
SNMP MIB II	•	•	•
TRO69	•	•	•
Other			
Rack mountable	•	•	•
Front facing ports	•	•	
Casing	Metal	Metal	Plastic

*VPN throughput is based on RFC 2544 (1,424-byte UDP packets)

Router Matrix



NBG418N V2
Wireless N300
Home Router
(Fibre ready - via
dedicated WAN port)



NBG6616
Wireless AC1200
Dual Band Media Router
(Fibre ready - via
dedicated WAN port)



AMG1001-T10A
ADSL2+ 1-port
Ethernet Gateway



AMG1202-T10B
Wireless N-lite
ADSL2+ 4-port
Gateway



AMG1312-T10B
Wireless N ADSL2+
4-port Gateway
with USB



VMG1312-B10A
Wireless N VDSL2/
ADSL2+ 4-port
Gateway with USB



VMG8924-B10A
Wireless AC1600
VDSL2/ADSL2+
VoIP Combo WAN
Gigabit Gateway

DSL Modem	NBG418N V2	NBG6616	AMG1001-T10A	AMG1202-T10B	AMG1312-T10B	VMG1312-B10A	VMG8924-B10A
ADSL2+			•	•	•	•	•
VDSL2						•	•
Ports							
10/100 Ethernet Port	4		1	4	4	4	
10/100/1000 Gigabit Ethernet Port		4					4
WAN Port (Dedicated)	10/100	Gigabit					Gigabit
Ethernet WAN					•	•	
FXS Port (VoIP)							2
USB Port		2 (for File Sharing)			1 (for 3G/LTE Failover* / File Sharing)	1 (for 3G/LTE Failover* / File Sharing / Printer Server)	2 (for 3G/LTE Failover* / File Sharing / Printer Server)
Security							
Firewall	•	•	•	•	•	•	•
Wireless							
Wi-Fi Standard	802.11 b/g/n	802.11 b/g/n/ac		802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n/ac
Wi-Fi Speed (Mbps)	up to 300Mbps (2.4GHz)	up to 300Mbps (2.4GHz) / up to 867Mbps (5GHz)		up to 150Mbps (2.4GHz)	up to 300Mbps (2.4GHz)	up to 300Mbps (2.4GHz)	up to 300Mbps (2.4GHz) / up to 1.3Gbps (5GHz)
Wi-Fi Protected Setup (WPS Push Button)	•	•		•	•	•	•
VPN							
PPTP VPN	Pass-Through	Pass-Through	Pass-Through	Pass-Through	Pass-Through	Pass-Through	Client
IPSec VPN Tunnels	Pass-Through	Pass-Through	Pass-Through	Pass-Through	Pass-Through	Pass-Through	•
Other							
Bridge Mode	•	•	•	•	•	•	•
Universal Plug and Play (UPnP)	•	•	•	•	•	•	•
IPv6 Support	•	•	•	•	•	•	•
Quality of Service (QoS)	•	•	•	•	•	•	•
Dynamic DNS	•	•	•	•	•	•	•
VoIP Support							•

* Refer to www.zyxel.co.za for 3G/LTE Modem compatibility list