VDSL / ADSL AC1600 WiFi Gigabit Modem Router

Perfect for
- Connecting to your fixed line DSL service
- Future proofing with a Gigabit WAN port for high speed connection to the NBN and support for IPv6 addressing
- Streaming media and moving files over high speed dual band WiFi
- Creating a storage network to share files saved on a hard drive with all connected users

KEY FEATURES
- Fully featured VDSL2 / ADSL2+ Modem Router
- 1 x 10/100/1000 Gigabit Ethernet WAN port for connection to fibre services
- 4 x 10/100/1000 Gigabit Ethernet LAN ports for wired connections
- Supports 802.11ac. WiFi on the 5GHz frequency for speeds up to 1300Mbps
- Supports 802.11n. WiFi on the 2.4GHz frequency for speeds up to 300Mbps
- 2 x USB host ports – supports USB storage device for file sharing
- Built-in media server. Just add a USB hard drive
- NBN ready: carefully developed hardware and software features to ensure this device is optimised for use on the National Broadband Network:
  - Wireline Routing Speeds
  - IGMP Snooping
  - IPTV IGMP V1 V2 Pass through
  - QoS
- IPv6 ready for the next generation IP addressing
- WPS button for simple setup of your wireless network
Specifications

Package Includes
- NetComm VDSL2/ADSL AC1600 WiFi Gigabit Modern Router
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (RJ-45)
- Phone Cable (RJ-11)
- Wireless Security Card
- Warranty Card

Environmental and Physical
- Operating temperature: 0-40°C, Humidity: 10%-95% non-condensing
- DC Input Voltage: 12V/2A
- Dimensions: 190 (w) x 190 (d) x 46 (h) mm (with stand)

Device Interface
- 1 x RJ45 10/100/1000Mbps WAN port
- 1 x RJ11 ADSL / VDSL port
- 4 x RJ45 10/100/1000Mbps LAN ports
- 2 x USB 2.0 Ports (storage)
- 1 x Reset button
- 2 x WPS buttons
- 1 x power jack
- 1 x 3.5mm audio jack
- LED: Power/DSL/Internet/WAN/LAN1/4/WiFi1/WiFi2/AC-WPS/USB1/USB2

WiFi
- Internal Antenna, 3dBi 3TR, 11n (2TR)
- Supports IEEE 802.11ac, IEEE 802.11n (draft 2.0), IEEE 802.11g and IEEE 802.11b
- Supports 64/128-bit WEP, 802.1x, WPA, and WPA2 for wireless security
- Supports WPS (WiFi Protected Setup)
- Supports MAC Access/Deny List
- Wireless Frequency ranges, 2400-2483 MHz 802.11n band and 5150-5250 MHz 802.11ac band
- NAS
- File sharing (FTP, NFS)
- DLNA

ADSL
- G.903.2 (T1.413)
- G.902.2 (G-dmt), G-lite
- G.903.2 (ES4/ADSL L2+)
- G.902.3 (ADSL2+)
- ITU-T G.903.1
- Annex A
- Annex L (Enhanced ADSL2+)
- Supports ATM forum UNI3.0, 3.1 and 4.0 permanent virtual circuits (PVCs)
- Supports CBSS, UBR, UBR-f, VBR-nrt
- Supports multiple PVCs
- Supports ITU-T G.8031/F4/F5 OAM

VDSL
- ITU-T G.990.2
- Supports 17x profile

Bridging Features
- Self-learning bridge (IEEE 802.1D Transparent Bridging)
- All at least 64 learning MAC addresses

Routing Features
- RFC1548 User Datagram Protocol (UDP)
- RFC3392 Internet Protocol (IP)
- RFC3372 Internet Control Message Protocol (ICMP)
- RFC3372 Transmission Control Protocol (TCP)
- RFC2203 An Ethernet Address Resolution Protocol (ARP)
- RFC3260 Echo Protocol

Support:
- IP routing: transparent bridging
- Source and destination routing
- DHCP server/-client
- UPnP
- NAT/PT
- DMZ
- IP Geo

Device Management
- Web-based Graphical User Interface (GUI) enabling end-user device configuration via HTTP
- Embedded web server
- Download image via HTTP, TFTP, rsh, sftp
- Command Line Interface via serial port, Telnet
- Menu-driven CLI via serial port or Telnet
- Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0)
- Supports WAN Management Protocol (TR-069)

Security
- Three-level login including local admin, local user, and remote technical support access
- Service access control based on incoming interface: WAN or LAN
- Service access control based on source IP addresses
- Protect DOS attacks from WAN: SYN flooding, IP surfing, ping of death, broadcast, UDP/ICMP
- Universal Plug and Play (UPnP) and ICMP for PPP session
- IP filter, Parental control

NetCommWireless
Head Office - 18-20 Orion Road, Lane Cove, NSW 2066, Sydney, Australia ABN 85 002 490 486
E: sales@netcommwireless.com
www.netcommwireless.com

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