

RESIDENTIAL PRODUCTS						
	SPEEDTOUCH 330 USB ADSL Modem Release 3.x ADSL Annex A	SPEEDTOUCH 510v5/530v5 Multi-User ADSL2+ Gateways ADSL Annex A ADSL2 Annex A, L ADSL2+ Annex A	SPEEDTOUCH 516/536/546 Multi-User ADSL2+ Gateways ADSL Annex A,B ADSL2 Annex A,B, L ADSL2+ Annex A, B ADSL2+ Annex M [546m only]	SPEEDTOUCH 576/585 Wireless-G ADSL2+ Gateways ADSL Annex A,B ADSL2 Annex A,B, L ADSL2+ Annex A, B	SPEEDTOUCH 706/706g Wired Residential IAD/ Wireless-G Residential IAD ADSL Annex A,B; ADSL2 Annex A,B, L; ADSL2+ Annex A, B	SPEEDTOUCH 716/716g and 780 Wired Residential IAD/ Wireless-G Residential IAD ADSL Annex A,B; ADSL2 Annex A,B, L; ADSL2+ Annex A, B
DSL						
<b>Management</b>						
• Easy set-up wizard	L(ocal)	L	L	L	✓	L
• Easy SW upgrade	L	L	L	✓	L	✓
• Easy Home Network Install Wizard (1)	-	L	L	L	✓	L
• Web interface / HTTP	-	✓	✓	✓	R	✓
• Web interface / HTTPS	-	-	✓	R(remote)	✓	R
• Command Line Interface / telnet	-	✓	✓	✓	L	✓
• Multi role - multi user Management	-	-	✓	L	R	L
• On demand Remote Management	-	-	✓	R	R	R
• SNMP	-	✓	✓	R	R	R
<b>Services</b>						
• FLEXIBundle architecture (2)	-	-	✓	✓	✓	✓
• Multi PVC	-	✓	✓	✓	✓	✓
• ATM QoS	✓	✓	✓	✓	✓	✓
• Bridging	✓	✓	✓	✓	✓	✓
• Managed Ethernet switch	-	-	546 only	-	✓	✓
• IP Routing	-	✓	✓	✓	✓	✓
• Diffserv IP QoS	-	✓	✓	✓	✓	✓
• NAT with IPSec passthrough	-	✓	✓	✓	✓	✓
• Hyper-NAT with IP passthrough (3)	-	-	✓	✓	✓	✓
• Integrated Firewall	-	✓	✓	✓	✓	✓
• integrated ICSA certified firewall with DoS detection (4)	-	-	✓	✓	✓	✓
• DNS server / client	-	✓	✓	✓	✓	✓
• DHCP server / client	-	✓	✓	✓	✓	✓
• Advanced Content Filtering (5)	-	(✓)	(✓)	✓	✓	780-716v5 only
• VoIP User Agent	-	-	-	-	✓	✓
• Multimedia Optimisations (6)	-	-	✓	✓	✓	✓
<b>Hardware Specifications</b>						
• LAN Wi-Fi	-	-	-	802.11b+g Access Control List with register button, WEP 64/128, WPA-personal, WDS, WME	SpeedTouch 706g only: 802.11b+g WEP 64/128, WPA-personal, WDS	SpeedTouch 716g/780 only: 802.11b+g WEP 64/128, WPA-personal, WDS
Ethernet port 10/100 Auto MDI/MIDI-X	-	1	516/536: 1 546: 4	576: 1 585: 4	2	4
USB 1.1	-	530v5 only	536 only	slave + master	slave	slave (slave/master 780 only)
Bluetooth 1.2 class 1	-	-	-	-	-	-
VoIP FXS ports	-	-	-	-	1	2
FXO ports	-	-	-	-	Level 2	Level2 / Level 3 (780)
• Carbus plug-in slot	-	-	-	-	-	-
• Housing	desktop	desktop, wall mount, stand-up	desktop, wall mount, stand-up	desktop, wall mount, stand-up	desktop, wall mount, stand-up	desktop, wall mount, stand-up
Certifications	USBForum, WHQL	UPnP, WHQL-530v5 only	UPnP, WHQL-536 only	UPnP, Wi-Fi	UPnP, Wi-Fi	UPnP, Wi-Fi

BUSINESS PRODUCTS			
	SPEEDTOUCH 605s SHDSL Business Router	SPEEDTOUCH 608/608 WIRELESS Self-Install ADSL Business Router	SPEEDTOUCH 620 High-End ADSL Business Router
<b>Network Management</b>			
• Remote configuration	✓	✓	✓
• Counters & status - SNMP MIBs	✓	1	16
• Pro-activeness - SNMP traps, syslog	-	-	✓
• Active measurement - SLA agent	-	-	✓
<b>Services</b>			
• ATM QoS	✓	✓	✓
• Bridging	✓	✓	✓
• VLAN 802.1q/p-aware bridging	-	✓	✓
• Managed Ethernet switch	-	✓	✓
• IP Routing	✓	✓	✓
• Integrated Firewall	✓	✓	✓
• IP QoS	DiffServ	: DiffServ, Meter/Shaper	: DiffServ, Meter/Shaper
• IPSec tunnels outgoing / incoming	-	1 / 16, 4 / 16*	1 / 16*, 4 / 16*, 32 / 256*
• Others	-	DIY IPSec templates	Integrated SIP PBX* Optimized for MPLS BAS redundancy - RIP
<b>DSL Specifications</b>			
• ADSL/ADSL2/2+/Re-ADSL	-	✓	✓ (620m: ADSL2+ Annex M)
• SHDSL	2 wire	-	-
<b>Hardware Specifications</b>			
• 10/100BaseT	1	4	4
• Other LAN	-	ISDN* (wireless only), CardBus extension	ISDN*, CardBus extension
• Console port	-	P	P
<b>Wireless Specifications</b>			
• Wireless	-	802.11b/g, RADIUS (wireless only)	802.11b/g, RADIUS
Certifications	UPnP	UPnP	UPnP
	-	ICSA: Firewall, IPSec, Cryptography Wi-Fi	ICSA: Enterprise Firewall, IPSec, Cryptography Wi-Fi

(1) The SpeedTouch Wireless Home Install Wizard makes setting up a home wireless network as easy as Ethernet, thereby drastically reducing helpdesk calls. This unique and robust mechanism configures and secures your SpeedTouch ADSL access point and wireless network clients from a single CD. The wizard performs comprehensive system checks before and during the installation process, and validates all user inputs, in order to guarantee the end-user a secured wireless connection (using WEP or WPA) to the Internet.

(2) The FLEXIBundle architecture enables service providers to define, manage and evolve the characteristics of the service offered by the SpeedTouch to the end user. This allows a SpeedTouch Gateway to adopt the specific features of a differentiated service offering. The basis for this architecture is an extensive multi role, multi user management framework, that allows each individual component of the Gateway to be (de-)activated independently and remotely.

(3) Hyper-NAT delivers absolute flexibility in managing any type of Network Address and/or Port translation, enabling seamless operation of servers on the local network. An extensive list of Application Level Gateways complete this powerful architecture to simultaneously enable services like: - any-to-many IPSec, L2TP and PPTP passthrough - IP pass-through - SIP, H.323, H.450, ... - FTP, RSP, IPv6inIPv4, Jabber, Netmeeting, Windows/MSN Messenger, ...

(4) The SpeedTouch firewall guarantees users the ultimate level in network security. Through integration with Hyper-NAT, the firewall leverages all the ALG's provided in the Hyper-NAT context to minimise undesired service impact. The SpeedTouch firewall provides stateful inspection of packets, and an integrated Denial of Service (DoS) engine monitors a wide range of attack patterns, and logs potential security breaches to a local cache or remote server.

(5) Filtering of unwanted content on the Internet just got integrated in the SpeedTouch Gateways. Two levels of content filtering are available: -Basic Content Filtering provides whitelist/blacklistbased url filtering, which can be maintained locally or remotely. -Advanced Content Filtering is a subscription based service, that additionally provides a dynamic mechanism for classifying and blocking content. The classification database is an on-line store of characterised URL's, which is continuously updated. The SpeedTouch Gateway queries the database for each HTTP request and decides on serving the page based on the policy assigned to the requestor.

(6) The SpeedTouch family supports a number of features which guarantee efficient and robust delivery of multimedia services from the core of the network right to the end user. -TR-37 enables auto-configuration of network bandwidth according to service needs, allowing seamless integration with the network's provisioning system. - diffserv IPQoS - WiFi QoS such as WME guarantee local delivery of streamed media to the service delivery nodes - The optional dedication of the 5GHz spectrum to streaming media adds robustness to the WiFi delivery path. - Smart DNS and DHCP supports smooth introduction of media delivery nodes like Set Top Boxes, VoIP phones, etc.

\* ) indicates HW capable, SW upgrade needed to enable functionality