



# Professional Base Station Wireless Access Router

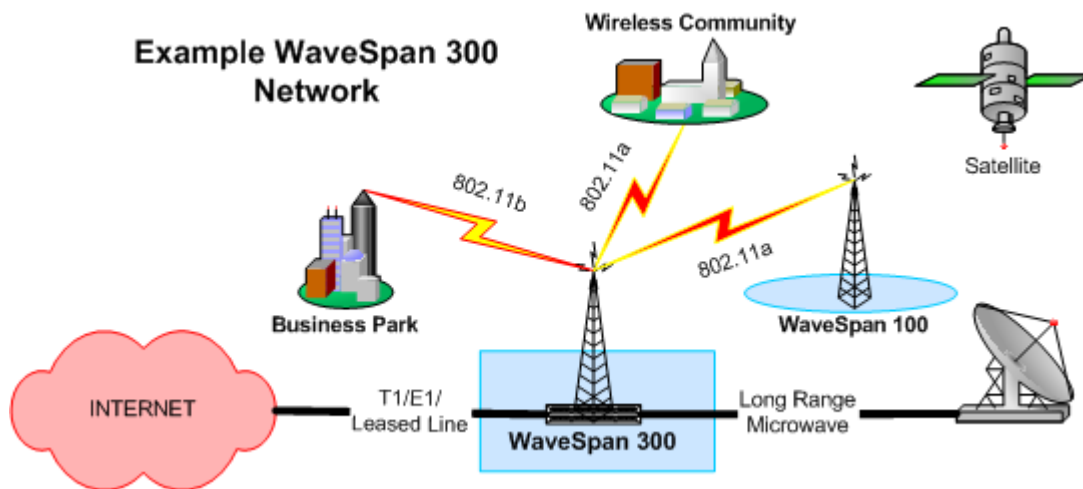
## WAVESPAN 300

The **WaveSpan 300** is optimised for backbone and backhaul routing where performance and expandability are of the highest priority.

Designed specifically for wireless base stations and repeater nodes, the WaveSpan 300 can manage up to 6 individual wireless links or a combination of wireless, fixed line or voice interfaces. The fast processing power of the WaveSpan 300 router delivers the highest possible encryption without compromising quality of service or network security.



Equipped with ultra fast storage drives, the WaveSpan 300 doubles up as an edge proxy server, providing Web & E-Mail Content Filtering services and enabling local caching of frequently accessed files to improve overall network performance.



MODEL NUMBER	DESCRIPTION
WS300-A	Celeron 1.7Ghz, 256Mb RAM, 20Gb Storage
WS300-B	Pentium IV 2.0Ghz, 512Mb RAM, 40Gb Storage
WS300-C	Pentium IV 3.0Ghz, 1Gb RAM, 40Gb Storage, SCSI/RAID
WS300-LCD	LCD Configuration Panel
WS300-80211b	802.11b PCI Interface Card
WS300-80211a	802.11a PCI Interface Card
WS300-80211a+b	Dual band 802.11a+b Interface Card
WS300-Ethernet	4-Port 10/100 Ethernet PCI Interface Card
WS300-Sync	Synchronous Serial Access Interface Card

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## FEATURE LIST

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### WaveSpan 300 Router

CPU	See table above
Memory	See table above
Storage	See table above
Serial Port	DB9 console port
LEDs	Power, Activity
Power Supply	ATX
Interfaces	Six PCI based interfaces
Temperature Sensors	CPU, Motherboard, Power Supply
Dimensions	431(W) x 177 (H) x 273 (D) mm
Security	Front panel with lockable door
Shock	10G acceleration peak to peak
Vibration	5 - 17 Hz, 0,1" double amplitude displacement 17 - 640 Hz, 1,5G acceleration peak to peak

### WaveOS Software

Config. Interface	Windows GUI or Console (SSH, Telnet, Serial)
Network Services	NAT, DHCP Server, DNS & Web Cache
Routing	RIPv1, OSPF, BGP
Bridging	MAC-level bridging, Ethernet Over IP (EoIP), STP
VPN	IPSEC, PPTP, L2TP
Security	WEP, IPSEC, 3DES, DES, AES, Blowfish
Bandwidth Management	Class Based Queuing (CBQ), IP or MAC limiting, Limit PPP, PPPoE, PPPTP connections (HotSpot mode)
Diagnostics	Ping, Traceroute, Bandwidth Tester, Connection Monitor and Packet Sniffer.
Firewall	Packet Filtering, Masquerading, NAT, Logging

### Compliance

Antenna	ETSI EN 301 525 v1.1.1 (2000-03) CE
Radio	ETSI 300/328/CE and FCC Part 15/UL WECA Compliant FCC part 15 (USA) IC RSS-210 (Canada) Telec (Japan)



### **For more information please contact:**

Adelix (Communications) Ltd • [www.adelix.com](http://www.adelix.com) • [sales@adelix.com](mailto:sales@adelix.com)  
+44 (0) 1454227309