

Home Networking Product Matrix - Router

Model	ESR300H (available by Dec 2011)	ESR-7750	ESR9855G	ESR-9850	
Description	High Power 300Mbps Wireless N Router	300Mbps Simultaneous Dual-Band Wireless N Router	300Mbps Multimedia Enhanced Wireless N Router with Gigabit	300Mbps Wireless N Router with Gigabit	
Image					
Frequency	2.4GHz, 802.11b/g/n	2.4GHz & 5GHz, 802.11a/b/g/n	2.4GHz, 802.11b/g/n	2.4GHz, 802.11b/g/n	
Dual Band	No	Yes - Simultaneous	No	No	
Speed	300Mbps	300Mbps	300Mbps	300Mbps	
LAN	10/100	10/100	10/100/1000	10/100/1000	
Memory	SDRAM	32MB	64MB DDR	32MB SDRAM	
Flash	4MB	4MB	8MB	4MB	
RF Power	up to 23dBm	Up to 17dBm	up to 19dBm	up to 17dBm	
Antenna	2 x Detachable, 2dBi Antenna, RP-SMA	4 x Internal 4dBi antenna & Peak Gain = 4 dBi	2 x Detachable, 3dBi Antenna, RP-SMA	2 x Detachable, 2dBi Antenna, RP-SMA	
Antenna Diversity	Yes	Yes	Yes	Yes	
Operation Mode	AP/Router	AP/Router	AP/Router	AP/Router	
Ports	4 port switches	4 port switches	4 port switches	4 port switches	
WDS	√	√	√	√	
Security	WEP/WPA2/WPA	√	√	√	
	Wireless MAC Address Filtering	√	√	√	
	Firewall	√	SPI Firewall	SPI Firewall	SPI Firewall
	Multiple SSID's	Up to 4	Up to 8	Up to 4	Up to 4
WPS	√	√	√	√	
QoS	WMM	WMM	StreamEngine Technology/ WMM	WMM	
Good for lag-free gaming	Better	Better	Best	Better	
Good for VOIP or HD videos	Better	Better	Best	Better	
Avoid Interference		Best			
VPN	PPTP & L2TP				
VPN Passthrough	PPTP / L2TP/ IP SEC	PPTP / L2TP/ IP SEC	PPTP / L2TP/ IP SEC	PPTP / L2TP/ IP SEC	
Power Supply	12V/1A	12V/1A	12V/1.25A	12V/1A	
Model	EVR100	ERB9250	ESR1221N2	ETR9330	
Description	300Mbps Wireless N VPN Security Router with Gigabit	300Mbps Wireless N Range Expander	300Mbps Wireless N Router	300Mbps Wireless N Travel Router	
Image					
Frequency	2.4GHz, 802.11b/g/n	2.4GHz, 802.11b/g/n	2.4GHz, 802.11b/g/n	2.4GHz, 802.11b/g/n	
Dual Band	No	No	No	No	
Speed	300Mbps	300Mbps	300Mbps	300Mbps	
LAN	10/100/1000	10/100	10/100	10/100	
Memory	SDRAM	32MB SDRAM	16MB SDRAM	32MB SDRAM	
Flash	4MB	4MB	2MB	4MB	
RF Power	up to 17dBm	up to 19dBm	up to 18dBm	up to 16dBm	
Antenna	2 x Detachable, 2dBi Antenna, RP-SMA	2 x Detachable, 2dBi Antenna, RP-SMA	2 x 2dBi Fixed Antenna	2 x 2dBi embedded antenna	
Antenna Diversity	Yes	Yes	Yes	Yes	
Operation Mode	AP/Router	Repeater/Client Bridge	AP/Router	AP/Router/Client Bridge	
Ports	4 port switches	1 port switch	4 port switches	1 port switch	
WDS	√	√	√	√	
Security	WEP/WPA2/WPA	√	√	√	
	Wireless MAC Address Filtering	√	√	√	
	Firewall	SPI Firewall	√	SPI Firewall	SPI Firewall
	Multiple SSID's	Up to 4	√	Up to 4	Up to 4
WPS	√	√	√	√	
QoS	WMM	WMM	WMM	WMM	
Good for lag-free gaming	Better		Good	Good	
Good for VOIP or HD videos	Better		Good	Good	
VPN	IPSEC & L2TP (up to 5 tunnels simultaneously)				
VPN Passthrough	PPTP / L2TP/ IP SEC		PPTP / L2TP/ IP SEC	PPTP / L2TP/ IP SEC	
Power Supply	12V/1A	12V/1A	5V/1A	built-in power module	

For enquiries on these products see Streakwave Wireless, Inc. at: 888-604-5234 or visit www.streakwave.com.