

PROJECT	EOC-5610	EOC2611P	EOC1650	EOC5510	EOA3630	EOR7550	EOA7530	EOA7535
HARDWARE SPECIFICATION								
PICTURE								
IEEE STANDARD	11a/b/g	11b/g	11b/g	11a	11b/g	WLAN1 : a/b/g(MiniPCI) WLAN2 : b/g/n(onboard)	WLAN1 : a(MiniPCI) WLAN2 : b/g(MiniPCI)	WLAN1 : a(MiniPCI) WLAN2 : b/g(MiniPCI)
CPU	Atheros AR2313 (180MHz)	Atheros AR2316 (180MHz)	Atheros AR2315 (180MHz)	Atheros AR2313 (180MHz)	Atheros AR2316 (180MHz)	Realink RT2880 (266MHz)	Atheros AR7161 (680MHz)	Atheros AR7161 (680MHz)
RF	AR5112			AR5112		AR5413 for 11a/b/g RT2820 for 11b/g	AR5413 for 11a AR5413 for 11b/g	AR5413 for 11a AR5413 for 11b/g
ETHERNET	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Marvell 88E1116	Marvell 88E1116
FLASH	Parial 8MB	Serial 8MB	Serial 8MB	Parial 8MB	Serial 8MB	Parial 8MB	Serial 8MB	Serial 8MB
SDRAM	32MB	32MB	32MB	32MB	32MB	32MB	64MB DDR	64MB DDR
ANTENNA	2 x External SMA connector (for 2.4GHz and 5GHz individual) 1 x Internal 13dBi 5GHz Panel Antenna + 1 x Internal 5dBi 2.4GHz Panel Antenna (Hardware Switch)	1 x External SMA connector 1 x Internal 10dBi 2.4GHz Panel Antenna(Dual Polarization) (Hardware Switch)	1 x External SMA connector 1 x Internal 7dBi 2.4GHz Panel Antenna (Hardware Switch)	1 x External SMA connector 1 x Internal 9dBi 5GHz Panel Antenna(Dual Polarization) (Hardware Switch)	1 x External N-type connector	WLAN1(11a/b/g) : 2 x External N-type Connector (for 2.4GHz and 5GHz individual) WLAN2(b/g/n) : 1 x Embedded 6dBi 11n Antenna (2.4G)	WLAN1(11a) : 1 x External N-type Connector WLAN2(11b/g) : 1 x External N-type Connector	WLAN1(11a) : 1 x External N-type Connector WLAN2(11b/g) : 1 x External N-type Connector
MODE	CB/AP/CR/WDS	CB/AP/CR/WDS	CB/AP/CR/WDS	CB/AP/CR/WDS	7 modes	18 modes	Dual AP/CB/CR/WDS	Dual AP/CB/CR/WDS
RF OUTPUT POWER	11a = 26dBm, 11g = 26dBm, 11b = 27dBm	11b/g = 28dBm	11b/g = 23dBm	11a=23dBm	11b/g = 28dBm	WLAN1 : 11a/b/g = 28dBm WLAN2 : 11n = 22dBm, 11g = 19dBm	WLAN1 : 11a = 28dBm WLAN2 : 11g = 28dBm, 11b = 28dBm	WLAN1 : 11a = 28dBm WLAN2 : 11g = 28dBm, 11b = 28dBm
POWER	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	48V Proprietary PoE	48V Proprietary PoE	48V Proprietary PoE
TEMPERATURE	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%
Dimension	260mm (L) x 84mm (W) x 55mm (H)	260mm (L) x 84mm (W) x 55mm (H)	192mm (L) x 48mm (W) x 36.2mm (H)	192mm (L) x 48mm (W) x 36.2mm (H)	260mm (L) x 175mm (W) x 65mm (H)	260mm (L) x 175mm (W) x 65mm (H)	260mm (L) x 175mm (W) x 65mm (H)	245mm(L) x 200mm(W) x 75mm(H)
IP STANDARD	IP32	IP55	IP32	IP32	IP65	IP65	IP65	IP68
SOFTWARE SPECIFICATION								
Mesh Function Support	NO	NO	NO	NO	NO	NO	NO	NO
System OS	LinuxOS	LinuxOS	LinuxOS	LinuxOS	LinuxOS	Linux2.4	LinuxOS	LinuxOS
Easy Setup Wizard	NO	NO	NO	NO	NO	NO	NO	NO
Access method	YES	YES	YES	YES	YES	YES	YES	YES
Browser Compatibility	YES	YES	YES	YES	YES	YES	YES	YES
System Information	YES	YES	YES	YES	YES	YES	YES	YES
Current IP Setting	YES	YES	YES	YES	YES	YES	YES	YES
Current Wireless Setting	YES	YES	YES	YES	YES	YES	YES	YES
Client List	YES	YES	YES	YES	YES	YES	YES	YES
System Log	YES	YES	YES	YES	YES	YES	YES	YES
Wireless Radio On/Off Button	NO	NO	NO	NO	NO	WLAN1:NO, WLAN2:YES	YES	YES
Operation Mode	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	7 modes	18 Modes	Dual AP/CB/CR	Dual AP/CB/CR
Super Channel	YES	YES	YES	YES	YES	NO	NO	NO
Switch of 802.11 Modes	YES	YES	YES	YES	YES	YES	YES	YES
Turbo Mode(a or g)	NO	YES	NO	NO	YES (in AP mode)	NO	NO	NO
Auto/Best Channel Selection	YES	YES	YES	YES	YES	YES	YES	YES
Radio On/Off Switch	NO	NO	NO	NO	YES	WLAN1: NO, WLAN2: YES	YES	YES
Transfer Rate Setting	YES	YES	YES	YES	YES	YES	YES	YES
Output Power Control	YES	YES	YES	YES	YES	YES	YES	YES
Bandwidth Selection(5/10/20M)	YES	YES	YES	YES	YES	WLAN1:NO, WLAN2:YES	NO	NO
Distance Control Bar	NO	NO	NO	NO	YES	NO	YES	YES
ACK Timeout Setting	YES	YES	YES	YES	YES	WLAN1:YES, WLAN2:NO	YES	YES
RSSI Indicator	YES	YES	YES	YES	YES	NO	YES	YES

Signal Strength	YES	YES	YES	YES	YES	YES	YES	YES
QoS Function(WMM)	YES	YES	YES	YES	YES	YES	YES	YES
Power Saving	NO	NO	NO	NO	NO	WLAN1: NO, WLAN2: YES	NO	NO
AP Detection	YES	YES	YES	YES	YES	NO	YES	YES
Multiple BSSID	YES	YES	YES	YES	YES	YES	YES	YES
WDS Function	YES	YES	YES	YES	YES	YES	NO	NO
WPS	NO	NO	NO	NO	NO	NO	NO	NO
Security - WEP	YES	YES	YES	YES	YES	YES	YES	YES
Security - WPA/ WPA2	YES	YES	YES	YES	YES	YES	YES	YES
Security - TKIP/ AES	YES	YES	YES	YES	YES	YES	YES	YES
Security - Hidden ESSID	YES	YES	YES	YES	YES	YES	YES	YES
Security - L2 Isolation	YES	YES	YES	YES	YES	YES	YES	YES
Preferred SSID	YES	YES	YES	YES	YES	YES	YES	YES
Site Survey	YES	YES	YES	YES	YES	YES	YES	YES
Router Function On/Off Button	NO	NO	NO	NO	NO	NO	NO	NO
DHCP Server	YES	YES	YES	YES	YES	YES	YES	YES
DHCP Client	YES	YES	YES	YES	YES	YES	YES	YES
Port Forwarding	YES	YES	YES	YES	YES	YES	NO	NO
Port Mapping	NO	NO	NO	NO	NO	YES	NO	NO
Port Tagging	NO	NO	NO	NO	NO	NO	NO	NO
ALG	NO	NO	NO	NO	NO	YES	NO	NO
VPN - VPN pass-thru	YES	YES	YES	YES	YES	NO	YES	YES
VPN Support	YES	YES	YES	YES	YES	NO	NO	NO
Layer 3 QoS	NO	NO	NO	NO	NO	YES	NO	NO
Network Filter - MAC	YES	YES	YES	YES	YES	YES	YES	YES
Network Filter - URL	NO	NO	NO	NO	NO	YES	NO	NO
Router - Filter - IP	NO	NO	NO	NO	NO	YES	NO	NO
Router - Filter - Port	NO	NO	NO	NO	NO	NO	NO	NO
Router - DMZ	YES	YES	YES	YES	YES	YES	NO	NO
Spanning Tree(STP)	YES	YES	YES	YES	YES	YES	YES	YES
Firewall - SPI	NO	NO	NO	NO	NO	YES	NO	NO
Firewall - Anti-DoS attack	NO	NO	NO	NO	NO	YES	NO	NO
Dynamic DNS	NO	NO	NO	NO	NO	YES	YES	YES
LAN side VLAN function	YES	YES	YES	YES	YES	NO	YES	YES
Change in WAN side MAC Address	NO	NO	NO	NO	NO	YES	YES	YES
WAN - PPPoE	YES	YES	YES	YES	YES	YES	YES	YES
WAN - Multi PPPoE	NO	NO	NO	NO	NO	NO	NO	NO
WAN - DHCP	YES	YES	YES	YES	YES	YES	YES	YES
WAN - Fixed IP	YES	YES	YES	YES	YES	YES	YES	YES
SNMP - V1, V2c	YES	YES	YES	YES	YES	YES	YES	YES
SNMP - Private MIB	NO	NO	NO	NO	NO	YES	YES	YES
Administration Setting	YES	YES	YES	YES	YES	YES	YES	YES
Remote Login	YES	YES	YES	YES	YES	YES	YES	YES
Traffic Shaping	YES	YES	YES	YES	YES	NO	NO	NO
VLAN Management	YES	YES	YES	YES	YES	YES	YES	YES
Backup/ Restore Setting	YES	YES	YES	YES	YES	YES	YES	YES
Firmware Upgrade	YES	YES	YES	YES	YES	YES	YES	YES
Time - NTP	YES	YES	YES	YES	YES	YES	YES	YES
Time - Setting for Time Server	YES	YES	YES	YES	YES	YES	YES	YES
UPnP	NO	NO	NO	NO	NO	YES	NO	NO
Diagnosis (ping)	YES	YES	YES	YES	YES	YES	YES	YES
Telnet Support	YES	YES	YES	YES	YES	YES	YES	YES
Emergency Recovery Page	NO	NO	NO	NO	NO	YES	NO	NO
PROJECT	EOC-5610	EOC2611P	EOC1650	EOC5510	EOA3650	EOA7550	EOA7530	EOA7535