









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)	
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%	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	LinuxOS	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	YES	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	
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