

APE602AN 802.11N 2x2 Dual Band Dual Band Gigabit Wifi access point outdoor



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Hardware Specifications

CPU	AR9344+9382
Architecture	MIPS
RAM	128MB
FLASH	16MB
10/100/1000 Ethernet ports	1
Number of USB ports	0
Supported input voltage	POE: 802.3 at POE+ 48V/0.5A
PoE in	48V/0.5A
802.3at support	Yes
Max power consumption	18W
Dimensions	L178 x W136 x H165mm
Antenna	N-female
Operating system	OpenWRT
Serial port	Yes
LED	POWER/Reset
Button	Reset
Temperature Range	Operation Temperature: -40°C to +60°C Storage Temperature: -40°C to +70°C
Humidity	0%~100%
Wireless standards	IEEE802.11 a/b/g/n
Wireless rate	600Mbps

WiFi Wireless Specifications

□ 2.4G

RF Frequency	Radio I: 11b/g/n: 2.412~2.484 GHz
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Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM
Wireless mode	802.11 b/g/n
Channel Bandwidth	20MHz/40MHz
Working Mode	AP/WDS/Ad-Hoc/Monitor
Receiver Sensitivity	
802.11 b (Mbps)	n Receiver signal level(dBm) FER < 8% (PSDU=1024Bytes) n 11Mbps: -84dBm / 5.5Mbps: -85dBm 2Mbps: -88dBm / 1Mbps: -89dBm
802.11 g (Mbps)	n Receiver signal level(dBm) FER < 10% (PSDU=1024Bytes) n 6Mbps: -82dBm / 9Mbps: -81dBm 12Mbps: -79dBm / 18Mbps: -77dBm 24Mbps: -74dBm / 36Mbps: -70dBm 48Mbps: -66dBm / 54Mbps: -65dBm
802.11n HT20 (MCS)	n Receiver signal level(dBm) FER < 10% (PSDU=1024Bytes) n MCS0/MCS8: -82dBm; MCS1/MCS9: -79dBm MCS2/MCS10: -77dBm; MCS3/MCS11: -74dBm MCS4/MCS12: -70dBm; MCS5/MCS13: -66dBm MCS6/MCS14: -65dBm; MCS7/MCS15: -64dBm
Effective Radiated Power (dBm)	n 802.11b: 1Mbps-11Mbps: 27dBm n 802.11g: 6Mbps-24Mbps: 26dBm / 36Mbps: 26dBm / 48Mbps: 25dBm / 54Mbps: 24dBm n 802.11n: MCS0/MCS8: 25dBm; MCS1/MCS9: 25dBm MCS2/MCS10: 25dBm; MCS3/MCS11: 25dBm MCS4/MCS12: 24dBm; MCS5/MCS13: 24dBm MCS6/MCS14: 24dBm; MCS7/MCS15: 23dBm

□ 5G

RF Frequency	Radio II: 11a/n: 5.18~5.24 & 5.26~5.32 & 5.5~5.7 & 5.745~5.825 GHz
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
Working Channels	5G, Country Dependent
Wireless Mode	802.11 n/a/ac
Channel Bandwidth	20MHz/40MHz/80MHz
Working Mode	AP/WDS/Ad-Hoc/Monitor
Receiver Sensitivity	
802.11 a (Mbps)	n Receiver signal level(dBm) FER < 10% (PSDU=1024Bytes) n 6Mbps: -82dBm / 9Mbps: -81dBm 12Mbps: -79dBm / 18Mbps: -77dBm 24Mbps: -74dBm / 36Mbps: -70dBm 48Mbps: -66dBm / 54Mbps: -65dBm
802.11n HT20 (MCS)	n Receiver signal level(dBm) FER < 10% (PSDU=1024Bytes) n MCS0/MCS8: -82dBm; MCS1/MCS9: -79dBm MCS2/MCS10: -77dBm; MCS3/MCS11: -74dBm MCS4/MCS12: -70dBm; MCS5/MCS13: -66dBm MCS6/MCS14: -65dBm; MCS7/MCS15: -64dBm
802.11ac HT40 (MCS)	n Receiver signal level(dBm) FER < 10% (PSDU=1024Bytes) n MCS0/MCS10/MCS20: -79dBm; MCS1/MCS11/MCS21: -76dBm MCS2/MCS12/MCS22: -74dBm; MCS3/MCS13/MCS23: -71dBm MCS4/MCS14/MCS24: -67dBm; MCS5/MCS15/MCS25: -63dBm MCS6/MCS16/MCS26: -62dBm; MCS7/MCS17/MCS27: -61dBm

	MCS8/MCS18/MCS28: -56dBm; MCS9/MCS19/MCS29: -54dBm
Effective Radiated Power (dBm)	n 802.11a: 6~24Mbps: 24dBm / 36Mbps: 23dBm / 48Mbps: 23dBm /54Mbps: 22dBm n 802.11n: MCS0/MCS8: 23dBm; MCS1/MCS9: 23dBm MCS2/MCS10: 23dBm; MCS3/MCS11: 23dBm MCS4/MCS12: 23dBm; MCS5/MCS13: 23dBm MCS6/MCS14: 23dBm; MCS7/MCS15: 22dBm

Product

link :

<https://www.p2w-tech.com/802-11n-2x2-dual-band-dual-radio-gigabit-wireless-access-point-outdoor-ape602.html>