



Mounting	Desktop/Wall		
Physical security	Kensington lock		
Chassis	Plastic housing, white		
CPU	QCA9558 (2.4GHz), QCA9880 (5GHz)		
Memory	128 MB DDR2		
Flash	16 MB		
Maximum Throughput	1.3 Gbps (5GHz / 802.11ac) + 450 Mbps (2.4GHz / 802.11n)		
Multiple SSIDs	8 per radio, 16 in total		
Number of radios	2		
MIMO capabilities	3x3:3		
MTBF	26280 hours		
LAN Interfaces	1 x 10/100/1000 Base-TX		
USB	1 x USB 2.0		
Antennas	3 x detachable dipole antenna		
Antenna connector	RP-SMA		
Antenna gain	2 dBi		
Supported security protocol	WEP-128, WPA-Personal, WPA-Enterprise (IEEE 802.1X), WPA2-Personal, WPA2-Enterprise (IEEE 802.1X)		
Supported WLAN standard	IEEE 802.11a/b/g/n/ac		
Transmit power and receive sensitivity	802.11a		
	Data rate	TX power	RX sensitivity
	6 Mbps	22 dBm	-90 dBm
	9 Mbps	22 dBm	-86 dBm
	12 Mbps	22 dBm	-85 dBm
	18 Mbps	22 dBm	-83 dBm
	24 Mbps	22 dBm	-81 dBm
	36 Mbps	21 dBm	-78 dBm
	48 Mbps	19 dBm	-75 dBm
	54 Mbps	18 dBm	-74 dBm
	802.11b		
	Data rate	TX power	RX sensitivity
	1 Mbps	23 dBm	-93 dBm

	2 Mbps	23 dBm	-89 dBm
	5.5 Mbps	23 dBm	-89 dBm
	11 Mbps	23 dBm	-85 dBm
802.11g			
	Data Rate	TX Power	RX Sensitivity
	6 Mbps	23 dBm	-86 dBm
	9 Mbps	23 dBm	-84 dBm
	12 Mbps	23 dBm	-84 dBm
	18 Mbps	23 dBm	-84 dBm
	24 Mbps	23 dBm	-81 dBm
	36 Mbps	22 dBm	-78 dBm
	48 Mbps	20 dBm	-74 dBm
	54 Mbps	19 dBm	-72 dBm
802.11n			
	Data Rate	TX Power	RX Sensitivity
	MCS0	23 dBm	-83 dBm
	MCS1	22 dBm	-81 dBm
	MCS2	22 dBm	-81 dBm
	MCS3	22 dBm	-78 dBm
	MCS4	21 dBm	-75 dBm
	MCS5	20 dBm	-70 dBm
	MCS6	19 dBm	-69 dBm
	MCS7	18 dBm	-66 dBm
	MCS8	26 dBm	-83 dBm
	MCS9	25 dBm	-81 dBm
	MCS10	25 dBm	-81 dBm
	MCS11	25 dBm	-78 dBm
	MCS12	24 dBm	-75 dBm
	MCS13	23 dBm	-70 dBm
	MCS14	22 dBm	-69 dBm
	MCS15	21 dBm	-66 dBm
	MCS16	27.5 dBm	-83 dBm
	MCS17	26.5 dBm	-81 dBm
	MCS18	26.5 dBm	-81 dBm

MCS19	26.5 dBm	-78 dBm
MCS20	25.5 dBm	-75 dBm
MCS21	24.5 dBm	-70 dBm
MCS22	23.5 dBm	-69 dBm
MCS23	19.5 dBm	-66 dBm
802.11ac		
MCS0	23 dBm	-84 dBm
MCS1	22 dBm	-80 dBm
MCS2	22 dBm	-78 dBm
MCS3	21 dBm	-72 dBm
MCS4	21 dBm	-69 dBm
MCS5	20 dBm	-66 dBm
MCS6	19 dBm	-65 dBm
MCS7	18 dBm	-65 dBm
MCS8	16 dBm	-59 dBm
MCS9	15 dBm	-58 dBm
MCS10	26 dBm	-84 dBm
MCS11	25 dBm	-80 dBm
MCS12	25 dBm	-78 dBm
MCS13	24 dBm	-72 dBm
MCS14	24 dBm	-69 dBm
MCS15	23 dBm	-66 dBm
MCS16	22 dBm	-65 dBm
MCS17	21 dBm	-65 dBm
MCS18	19 dBm	-59 dBm
MCS19	18 dBm	-58 dBm
MCS20	27.5 dBm	-84 dBm
MCS21	26.5 dBm	-80 dBm
MCS22	26.5 dBm	-78 dBm
MCS23	25.5 dBm	-72 dBm
MCS24	25.5 dBm	-69 dBm
MCS25	24.5 dBm	-66 dBm
MCS26	23.5 dBm	-65 dBm
MCS27	22.5 dBm	-65 dBm

	MCS28	20.5 dBm		-59 dBm	
	MCS29	19.5 dBm		-58 dBm	
Modulation	802.11a OFDM with BPSK, QPSK, 16QAM, 64QAM	802.11b BPSK, QPSK, CCK	802.11g OFDM with BPSK, QPSK, 16QAM, 64QAM	802.11n OFDM with BPSK, QPSK, 16QAM, 64QAM	802.11ac OFDM with BPSK, QPSK, 16QAM, 64QAM, 128 QAM, 256QAM
Center frequencies / channels	ETSI 2.412-2.472GHz (channels 1-13)		RLAN sub-band 1: 5.180-5.320GHz (channels 36-64) RLAN sub-band 2: 5.500-5.580GHz (channels 100-116) 5.660-5.700GHz (channels 132-140)		
	FCC 2.412-2.462GHz (channels 1-11)		U-NII-1: 5.180-5.240GHz (channels 36-48) U-NII-2: 5.260-5.320GHz (channels 52-64) U-NII-2e: 5.500-5.580GHz (channels 100-116) 5.660-5.700GHz (channels 132-140) U-NII-3: 5.745-5.825GHz (channels 149-165)		
Dimensions w*h*d	183*36*183 mm				
Weight	505 g				
Power Supply	12 Vdc / 4 A				
Power Consumption	13 W (max.)				
Power over Ethernet	802.3af, 802.3at				
Temperature / relative humidity	Operation: 0°C to 50°C / 0% to 90%, non-condensing Storage: -20°C to 80°C / 0% to 95%, non-condensing				