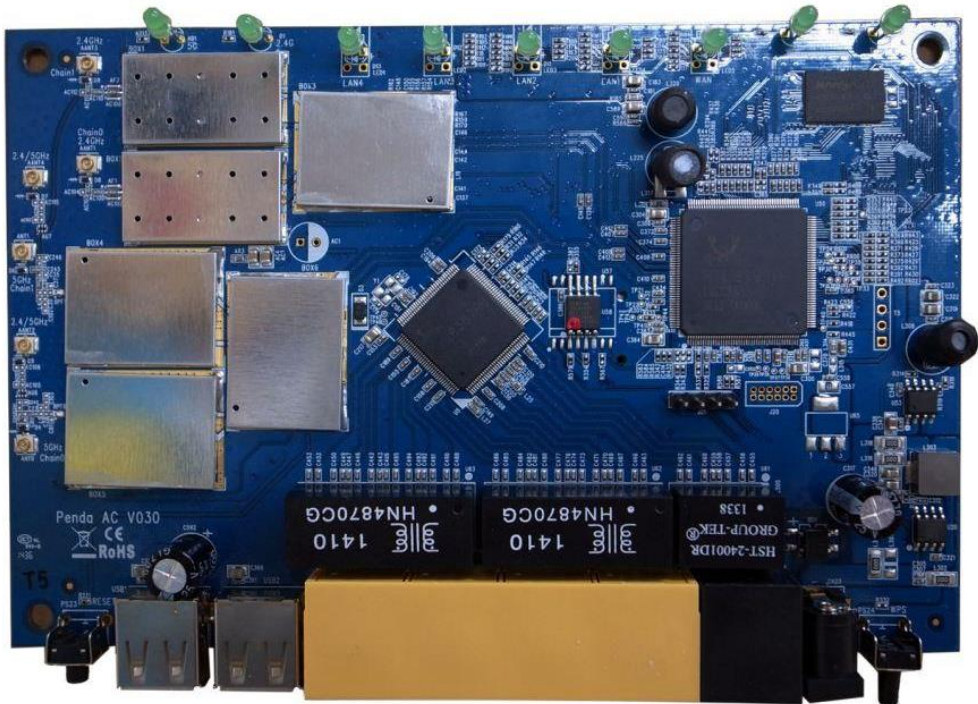


PANDA

802.11ac AC1200 High-Power RouterBoard



OpenWrt
Supported



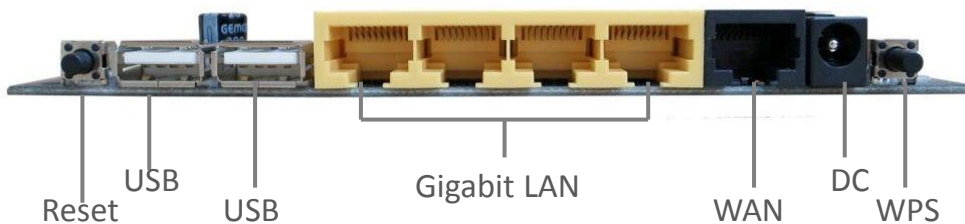
LONG RANGE

11ac
Wireless



2.4GHz / 5GHz
Dual-Band

Interface



PANDA

Specification

Chipset	RTL8197D+RTL8192ER+RTL8812AR+RTL8367RB
Standard	Wireless IEEE 802.11ac/a/b/g/n
Frequency	2.4GHz / 5GHz
RF connector	4x I-PEX (2x 2.4GHz + 2x 5GHz)
Data Rate	802.11a : 6,9,12,18,24,36,48,54Mbps 802.11b : 1, 2, 5.5, 11Mbps 802.11g : 6,9,12,18,24,36,48,54Mbps 802.11n : up to 300Mbps 802.11ac: up to 867Mbps
Wireless Security	WEP, WPA, WPA2, WPA Mixed, WPS
Interface	1x Gigabit WAN 4x Gigabit LAN 2x USB 2.0 Ports 1x Reset button 1x WPS button
Features	Easy Setup Firewall, Wireless access scheduling, output power adjustment, Website blocking Access Control, QoS, IPv4, IPv6
Power Required	DC 12V, 2A
Dimension	103.5 x 152 x 12.5 mm

802.11b/g/n			802.11ac		
Data Rate	TX	RX	Data Rate	TX	RX
11b 11M	28	-86	11a 6M	22	-83
11g 54M	23	-68	11a 54M	22	-68
HT20/40 MCS0	28	-85/-82	11ac VHT40/80 MCS9	20	-53/-50
HT20/40 MCS1	28	-83/-80	11ac VHT20/40/80 MCS8	20	-60/-59/-56
HT20/40 MCS2	28	-82/-78	11ac VHT20/40/80 MCS7	21	-64/-63/-60
HT20/40 MCS3	28	-80/-75	11ac VHT20/40/80 MCS6	22	-66/-65/-62
HT20/40 MCS4	25	-76/-72	11ac VHT20/40/80 MCS5	22	-67/-66/-63
HT20/40 MCS5	25	-74/-68	11ac VHT20/40/80 MCS4	22	-72/-69/-67
HT20/40 MCS6	23	-69/-66	11ac VHT20/40/80 MCS3	22	-75/-73/-70
HT20/40 MCS7	23	-67/-64	11ac VHT20/40/80 MCS2	22	-80/-76/-74
			11ac VHT20/40/80 MCS1	22	-82/-79/-76
			11ac VHT20/40/80 MCS0	22	-83/-80/-77