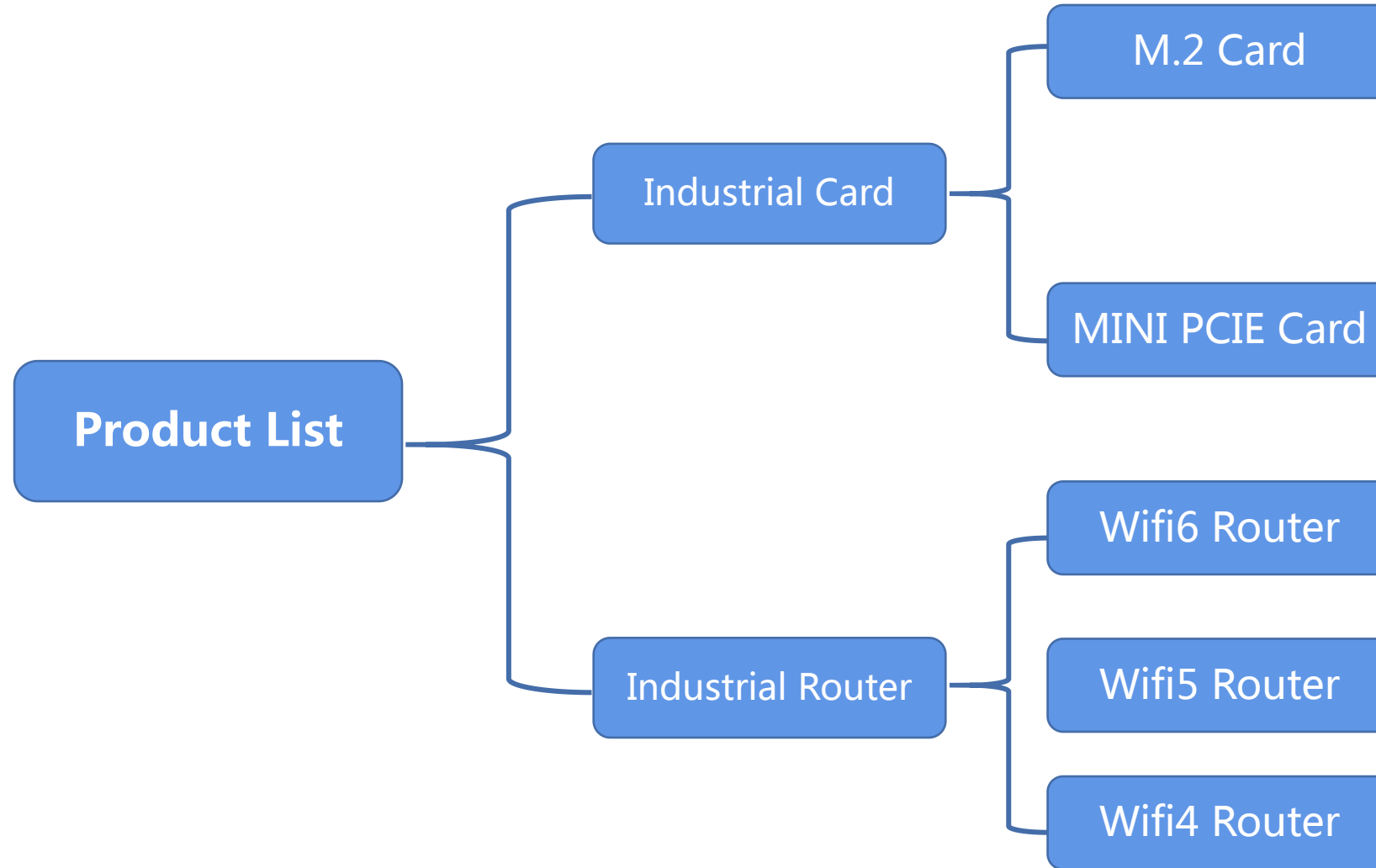


# Wallys Product List

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# M.2 Card



M.2 Card	Mainchip	Wifi	Power supply	2.4G	5G	Special feature for RF	Others
DR9074-2.4G(PN01.1)	QCN9074	wifi6 , 802.11ax	5VDC	1)23dBm per chain ,up to 1147Mbps 2)support 4x4 MIMO		Support 11ax Frequency Range :2.412GHz-2.472GHz	
DR9074-5G(PN02.1)	QCN9074	wifi6 , 802.11ax	5VDC		1)23dBm per chain ,up to 4949Mbps 2)support 4x4 MIMO	Support 11ax Frequency Range :5.15GHz-5.85GHz	
DR9074-6E(PN02.7)	QCN9074	wifi6 , 802.11ax	5VDC			Support 11ax 1)23dBm per chain ,up to 4949Mbps 2)support 4x4 MIMO 3 ) Frequency Range :5.925GHz~7.125GHz	

# Mini PCIe Card

MiniPCIe Card	Mainchip	Wifi	Power supply	2.4G	5G	Special feature for RF	Others
DR600VX	QCA9880	wifi5 , 802.11ac	3.3VDC	1 ) 24dbm@mcs0 2 ) -93dbm@mcs0 Rssi 3 ) support 2x2 MIMO	1 ) 22dbm@mcs0 2 ) -93dbm@mcs0 Rssi 3 ) support 2x2 MIMO	Support 4.9G	CE FCC
DR900VX	QCA9880	wifi5 , 802.11ac	3.3VDC	1 ) 24dbm@mcs0 2 ) -93dbm@mcs0 Rssi 3 ) support 2x2 MIMO	1 ) 22dbm@mcs0 2 ) -93dbm@mcs0 Rssi 3 ) support 2x2 MIMO	Support 4.9G	CE FCC IC
DR882	QCA9882	wifi5 , 802.11ac 802.11an	3.3VDC		1 ) 25dbm@mcs0 perchain 2 ) -94dbm@mcs0 Rssi 3 ) support 2x2MIMO	Support 4.9G	FCC
WFC900M	AR9582	802.11an	3.3VDC			1)25dbm@mcs0 perchain 2)-93dbm@mcs0 Rssi 3)support 2x2 MIMO 4)frequency ( 902MHz~928MHz )	
DR7915	MT7915+MT7975	wifi6 802.11ax	3.3VDC	1)2.4GHz max 23dBm 2)2.4GHz: 2.412GHz to 2.472GHz	1) 5GHz max 20dBm output power 2)5GHz: 5.180GHz to 5.825GHz		

# WIFI6 ROUTER



PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR6018	IPQ6010	24V~48VDC	1)Nor flash 8MB (support 8M~32MB) 2)Nand Flash 256MB (support 128M~512MB) 3)DDR3 512MB (support 512MB-1GB)	1)24V~48V passive POE 2)Active POE 802.3af/at/bt (option)	1 ) 4x10/100/1000 Ethernet 2)1x2.5 Ethernet (option)	1)2x2 11ax on board 2)support mu mimo 3)Up to 573 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)2x2 11ax On- 2)support mu mimo 3)Up to1201 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)support 4G/LTE(M.2 B Key) 2)Support Wifi module(M.2 E Key) 3 ) 1x USB 2.0 Port	
DR6018-S	IPQ6010	24V~48VDC	1)Nor flash 8MB (support 8M~32MB) 2)Nand Flash 256MB (support 128M~512MB) 3)DDR3 512MB (support 512MB-1GB)	1)24V~48V passive POE 2)Active POE 802.3af/at/bt (option)	1 ) 2x10/100/1000 Ethernet	1)2x2 11ax on board 2)support mu mimo 3)Up to 573 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)2x2 11ax On- 2)support mu mimo 3)Up to1201 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)Support Wifi module(M.2 E Key) ( option ) 2 ) 1x USB 3.0 port(Option)	
DR5018	IPQ5018	12VDC	1 ) Nor Flash 8MB (support 8M~32MB) 2 ) Nand Flash 128 MB 3 ) DDR 512MB (support 512MB-1GB)	1)24V~48V passive POE 2)Active POE 802.3af/at/bt (option)	1 ) 5x10/100/1000 Ethernet	1)2x2 11ax on board 2)support mu mimo 3)Up to 573 Mbps data rate 4 ) 27dbm @ MCS0 per chain		1)support 4G/LTE(M.2 B Key) 2)Support Wifi module(M.2 E Key) 3 ) Bluetooth BT5.1	

# WIFI6 ROUTER



PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR8072A (HK09)	IPQ8072A	TBD	1)Nor flash 8MB (support 8M~32MB) 2)Nand Flash 256MB (support 128M~512MB) 3)DDR4:1GB	NA	1 ) 4x10/100/1000 Ethernet 2)1x2.5 Ethernet (option) 2)2x2.5G Ethernet	1)4x4 11ax On-board 2.4GHz radio, 2)up to 1147Mbps physical data rate 3)24dbm @mcs0 perchain	1)4x4 11ax On-board 5GHz radio, 2)up to 2475 Mbps physical data rate 3)3)24dbm @mcs0 perchain	1x MiniPCIe Slot with PCIe 3.0 2 ) 2x USB 3.0 Port	
DR8072	IPQ8072A	12VDC	1)Nor flash 8MB (support 8M~32MB) 2)Nand Flash 256MB (support 128M~512MB) 3)DDR3 1GB (support 1GB~2GB)	1)24V~48V passive POE 2)Active POE 802.3af/at/bt (option)	1 ) 4x10/100/1000 Ethernet 1)1x10G Ethernet(option)	1)4x4 11ax On-board 2.4GHz radio, 2)up to 1147Mbps physical data rate 3)24dbm @mcs0 perchain	1)4x4 11ax On-board 5GHz radio, 2)up to 2475 Mbps physical data rate 3)3)24dbm @mcs0 perchain	1 ) M.2 connector can support QCN9074 production 2 ) 2x USB 3.0 Port	
DR6018C	IPQ6010	24VDC-56VDC	1)Nor flash 8MB (support 8M~32MB) 2)Nand Flash 256MB (support 128M~512MB) 3)DDR3 512MB (support 512MB-1GB)	1)24V~48V passive POE 2)Active POE 802.3af/at/bt (option)	1 ) 4x10/100/1000 Ethernet 2)1x2.5G Ethernet	1)2x2 11ax on board 2)support mu mimo 3)Up to 573 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)2x2 11ax On-2)support mu mimo 3)Up to1201 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)support 4G/LTE(M.2 B Key) 2)Support Wifi module(M.2 E Key) 3 ) 1x USB 2.0 Port	

# WIFI6 ROUTER

PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR6018(CP01)	IPQ6018	12VDC	1)Nor Flash 32MB 2)Nand Flash 256MB (support 256M~512MB) 3)DDR 256MB~512MB	24V~48V passive POE	1)5x 1Gbps Ethernet Ports , 2)1x 2.5Gbps Ethernet Port	1)2x2 11ax on board 2)support mu mimo 3)Up to 573 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1)2x2 11ax On- 2)support mu mimo 3)Up to1201 Mbps data rate 4 ) 27dbm @ MCS0 per chain	1 ) 1×M.2 (NGFF) “E Key” Socket with MiniPCIe 3.0 2)1x SD Card Slot 3)1x USB 2.0 Port, 1x USB 3.0 Type-C Port	
DR6000	IPQ6000	12VDC	1 ) Nand Flash 128MB 2 ) NOR Flash 16MB		2x 1Gbps Ethernet Ports	2.4GHz, 2x2 MU-MIMO OFDMA Technology, up to 573Mbps	5GHz, 2x2 MU-MIMO OFDMA Technology, up to 1201Mbps	1 ) 1x MicroUSB 2.0 Port	
DR8074A(HK01)	IPQ8074A	12VDC , 5A	1)NOR Flash: 32MB 2)NAND Flash: 256MB 3)eMMC: 8GB 4)DDR3:1GB	NA	1)5x Gigabit Ethernet (1GbE) LAN/WAN RJ45 Port (Auto MDI-X) 2)1x 10Gigabit Ethernet (10GbE) LAN/WAN RJ45 Port (Auto MDI-X) 1x SFP+ Port	On-board 2.4GHz radio, up to 1147Mbps physical data rate	On-board 5GHz radio, up to 4804Mbps physical data rate	1 ) 1x M.2 Slot 2 ) M.2 (NGFF) “B Key” Socket with PCIe 3.0 interface 3 ) 2x USB 3.0 Port 4 ) 1x Serial Port 12 Pin Connector 1x JTAG 20 Pin Connector 5 ) 1x micro SD Card Socket	

# WIFI5 ROUTER



PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR40X9	IPQ4019 IPQ4029	12V-56VDC	1)Nor Flash 2MB~32MB 2)Nand Flash 128MB 3)DDR 256MB~512MB	24V~48V passive POE	1 ) 2x 1Gbps Ethernet Ports 2 ) 1xSFP fiber module connector (optional)	Support 2.400GHz to 2.482GHz	Support 4.940GHz, 5.180GHz~5.82 5GHz Frequency Range	1 ) 1xmini PCIe 3G/4G connector support with two sim card 2)1xUSB 3.0 connector	CE,FCC,IC
DR4019-S	IPQ4019	12VDC	1 ) Nor Flash 32MB 2)DDR 256MB	24V~48V passive POE	2x 1Gbps Ethernet Ports	Support 2.412GHz to 2.482GHz	Support 5.180GHz to5.825GHz Frequency Range		
DR4018L	IPQ4018	24V-48VDC	1)Nor Flash Nor Flash 2)Nand Flash 128MB 3)DDR 256MB	802.3at POE 36V~56V	2xRJ45	Support 2.412GHz to 2.482GHz	Support 5.180GHz to 5.825GHz Frequency Range	1xUSB 2.0 connector ( optional)	
DR4018L-R	IPQ4018	12VDC		NO	5xRJ45	Support 2.412GHz to2.482GHz	Support 5.180GHz to 5.825GHz Frequency Range	1xUSB 3.0 connector	

# WIFI5 ROUTER



PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR40X8H	IPQ4018 IPQ4028	24V~48VDC	1)Nor Flash 2MB~32MB 2)Nand Flash 128MB 3)DDR 256MB	24V~48V passive POE	1) 2xRJ45 2)1xSFP fiber module connector (optional)	Support 2.400GHz to 2.482GHz	Support 5.180GHz to 5.825GHz Frequency Range;	1)1xmini PCIe 3G/4G connector support with two sim card 1)1xUSB 3.0 connector	



# WIFI4 ROUTER



PCBA serials	Chip	Power supply	Memory	POE	Ethernet	2.4G	5G	Feature	Others
DR342	AR9342	1 x DC JACK D(center)=2.1m m Max 50V DC		Pin 4/5 and pin 7/8 connect to the anode or cathode respectively POE input	1xRJ45		5.180GHz to 5.825GHz Frequency Range	Support LTE/WiFi Card	
DR531	AR9531	12-24VDC		Passive PoE: 24V	2 x 10/100Mbps FE Port.			Support LTE/WiFi Card	
DR344	AR9344	1 x DC JACK ( J2 ) D(center)=2.1m m Max 24V DC input /1 x 2 pin header pitch=3.96mm ( J32 )	NOR Flash :8MB (max 16MB optional)	24V	2x 1Gbps Ethernet Ports	Support operating frequency from 2.312 GHz to 2.502 GHz	4.92GHz to 6.085GHz	1 x USB2.0 ( Optional )	CE,FCC,IC
DR531-S	AR9531	12-24V	NOR Flash:8MB	24V	Supports 2 x 10/100Mbps FE Port.	2.312 GHz to 2.7 GHz.		Used for connected to Minipcie module	