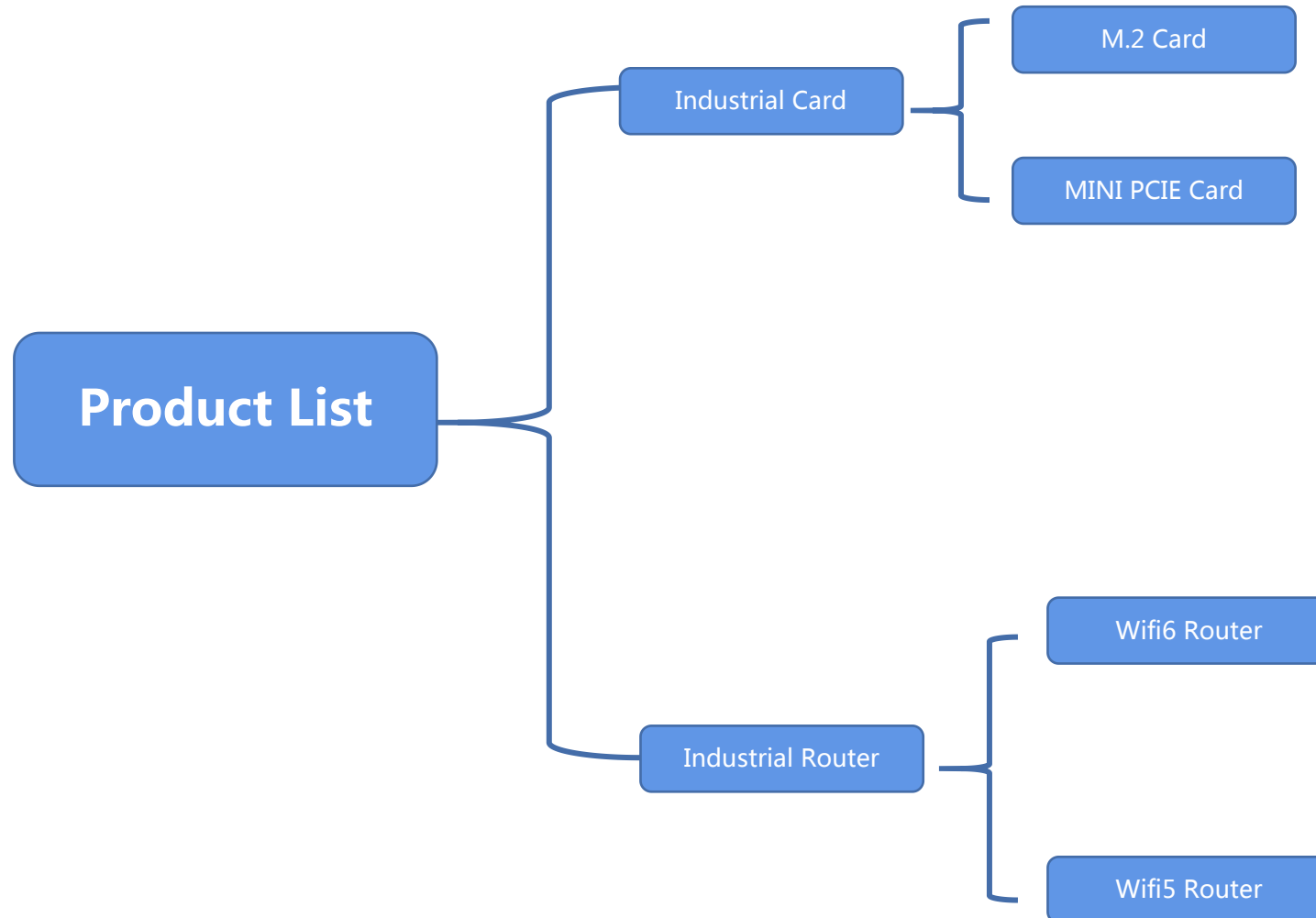




Wallys Product List



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) F r e q u e n c y Range :5.925GHz~7.125G Hz	

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		DBDC

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	1) support openWiFi 2) support QSDK
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)	1) support openWiFi 2) support QSDK
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	1) support openWiFi

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	1) support openWiFi 2) support QSDK

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 to 1201 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	1) support openWiFi 2) support QSDK
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 1) support open WiFi 2) support QSDK 3)support openWRT
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	