

## JJplus Product Chart , Wifi Modules in Massproduction Q3/2017

jjPlus Part No.	JWX6085	JWX6086	JWX6082	JWX6083	JWX6051	JWX6055	JWX6052	JWX6053	JWX5501	JWX5502
Type of Card	Mini PCIe	Mini PCIe	Industrial Grade Mini PCIe	Mini PCIe	Half-Mini PCIe	High Power Half-Mini PCIe	Mini PCIe	Industrial Grade Mini PCIe	High Power Mini PCIe	Industrial Grade High Power Mini PCIe
Product Pic.										
Connector	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe
Interface	PCIe 1.1	PCIe 1.1	PCIe 1.1	PCIe 1.1	PCIe 1.1	PCIe 1.2	PCIe 1.2	PCIe 1.2	PCIe 1.2	PCIe 1.2
802.11 Standard	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11ac/a/b/g/n	802.11ac/a/b/g/n	802.11ac/a/b/g/n	802.11ac/a/n	802.11ac/a/b/g/n
MIMO	2T2R	3T3R	3T3R	3T3R	3T3R	2T2R	3T3R	3T3R	3T3R	3T3R
Antenna	2x U.FL	3 x U.FL	3 x U.FL	3 x U.FL	3 x U.FL	2 x U.FL	3 x U.FL	3 x U.FL	3 x U.FL	3 x U.FL
Main Chip Vendor	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros	Qualcomm Atheros
Main Chip Part No.	AR9582	AR9580	AR9390	AR9380	AR9380	QCA9882	QCA9880	QCA9890	QCA9880	QCA9890
Frequency	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.850Ghz	2.412~2.472Ghz 5.150-5.825Ghz	2.412~2.472Ghz 4.495-5.825Ghz	5.150-5.825Ghz	5.150-5.825Ghz
Operating Voltage	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC 3.3V	DC3.3V & DC 5V	DC3.3V & DC 5V
Maximum Output RF Power (Per chain)	2.4Ghz @19dBm	2.4Ghz @19dBm	2.4Ghz @19dBm	2.4Ghz @19dBm	2.4Ghz @17dBm	2.4Ghz @21dBm	2.4Ghz @18dBm	2.4Ghz @18dBm		
	5Ghz @16dBm	5Ghz @16dBm	5Ghz @15dBm	5Ghz @15dBm	5Ghz @15dBm	5Ghz @20dBm	5Ghz @16dBm	5Ghz @16dBm	5Ghz @27dBm	5Ghz @27dBm
Power Consumption(Max)	2.6W(Max)	3.2W(Max)	3.2W(Max)	3.2W(Max)	2.5W(Max)	4W(Max)	4W(Max)	4W(Max)	8+W(Max)	8+W(Max)
Channel support	20/40Mhz	20/40MHz	20/40MHz	20/40MHz	20/40MHz	20/40/80MHz	20/40/80MHz	20/40/80MHz	20/40/80MHz	20/40/80MHz
Operating Temperature	-20°C to 70°C	-20°C to 70°C	-40°C to 85°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-40°C to 85°C	-20°C to 70°C	-40°C to 85°C
Linux Driver	ATH9K	ATH9K	ATH9K	ATH9K	ATH9K	ATH10K	ATH10K	ATH10K	ATH10K	ATH10K
Certificate			FCC/CE	FCC/CE		FCC/CE	FCC/CE	FCC/CE		

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