

# Comparatif des différents WIFI

Tableau :

Norme	Wifi 1 (802.11a)	Wifi 2 (802.11b)	Wifi 3 (802.11g)	Wifi 4 (802.11n)	Wifi 5 (802.11ac)	Wifi 6 (802.11ax)
Fréquences	5GHz	2.4GHz	2.4GHz	2.4GHz et 5GHz	5GHz	2.4GHz et 5GHz
Largeur de bande	20 MHz	20 MHz	20 MHz	20, 40MHz	20, 40, 80MHz	20, 40, 80, 160MHz
Débit Max	54 Mbps	11 Mbps	54 Mbps	144/300 Mbps	3.4 Gbps	10.5 Gbps
Nombre maximum de flux MIMO	1	1	1	4	8	8
MU-MIMO	NON	NON	NON	NON	DOWN	UP + DOWN
Codage / Modulation	OFDM	DSSS	OFDM	OFDM	OFDM	OFDM + OFDMA
Débit / Ant.	54Mbps	11Mbps	54Mbps	72/150Mbps	433Mbps	143/1299Mbps

Norme	Wifi 6e (802.11ax)	Wifi 7 (802.11be)				
Fréquences	2.4GHz 5, 6GHz	2.4GHz 5, 6GHz				
Largeur de bande	20, 40, 80, 160MHz	20, 40, 80, 160, 320MHz				
Débit Max	10.5 Gbps	23Gbps				
Nombre maximum de flux MIMO	8	16				
MU-MIMO	UP + DOWN					
Codage / Modulation	OFDM + OFDMA	OFDMA				

Débit / Ant.	143/1299Mbps					
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