



## BUDGET WIFI-ROUTERS 2017 PCM

Merk	Netgear	ASUS	AVM	Netgear	TP-Link	ZyXEL	D-Link
Product	R7000 Nighthawk AC1900 Smart WiFi Router	RT-AC58U Wireless-AC1300 Dual Band Gigabit Router	FRITZ!Box 4040	R6400 AC1750 Smart WiFi Router	Archer C7 AC1750 Wireless Dual Band Gigabit Router (ver. 2.0)	NBG6617 AC1300 MU-MIMO Dual-Band Wireless Gigabit Router	DIR-859 Wireless AC1750 Dual Band Gigabit Router
Straatprijs incl. btw	€ 119,-	€ 109,-	€ 90,-	€ 89,-	€ 90,-	€ 120,-	€ 98,-
Prestatiescore	★★★★★	★★★★★	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★☆☆
Afmetingen (b x d x h)	285 x 184,5 x 50 mm	207 x 148,8 x 36,5 mm	226 x 160 x 47 mm	285 x 183 x 63 mm	243 x 160,6 x 32,5 mm	170 x 117 x 29,2 mm	245 x 245 x 65 mm
Gewicht	750 g	395 g	360 g	719 g	503 g	329	314 g
Geteste firmwareversie	1.0.9.6_1.2.19	3.0.0.4.380_7485	Fritz!OS 6.83	1.0.1.24_1.0.18	3.13.34 Build 131217 Rel. 60904n	1.00(ABCT.4)C0	HWA3 1.05 (2017)
Ondersteuning voor alternatieve firmware	✔ DD-WRT, Tomato en OpenWrt	✘	✘	✔ DD-WRT en Tomato	✔ OpenWrt	✘	✔ DD-WRT
Platform	dual-core Broadcom BCM4709A0	quad-core Qualcomm IPQ4018	quad-core Qualcomm IPQ4018	dual-core Broadcom BCM4708A0	Qualcomm Atheros QCA9558	quad-core Qualcomm IPQ4018	Qualcomm Atheros QCA9563
Cpu-snelheid	1 GHz	717 MHz	638 MHz	800 MHz	720 MHz	638 MHz	750 MHz
Ram	256 MB	128 MB	256 MB	256 MB	128 MB	256 MB	64 MB
Flash	128 MB	2 + 128 MB	32 MB	128 MB	16 MB	16 MB	16 MB
Aantal zend- en ontvangstkanalen en streams (zenden x ontvangen : 'spatial streams')	3 x 3 : 3	2 x 2 : 2	2 x 2 : 2	3 x 3 : 3	3 x 3 : 3	2 x 2 : 3	3 x 3 : 3
Wifi-details (5 GHz AC + 2,4 GHz N max. snelheid in Mbit/s bruto)	1300 + 600	867 + 400	866 + 400	1300 + 450	1300 + 450	867 + 400	1300 + 450
Aantal antennes en locatie (E= extern, I = intern, F = Niet verwijderbaar)	3 E	4 EF	4 IF	3 EF	3 E	2 EF	3 EF
Adaptieve qos (quality of service)	✔	✔	✔	✔	✔	✔	✔
Printerserverfunctie	✔	✔	✔	✔	✔	✔	✘
Fileserverfunctie	✔	✔	✔	✔	✔	✔	✘
Bestandserver (smb / ftp / cloud)	✔	✔	✔	✔	✔	✔	✘
Uppn / dlna	✔	✔	✔	✔	✔	✔	✘
iTunes	✔	✔	✘	✔	✘	✘	✘
Vpn-protocollen	pptp, ipsec, l2tp passthrough, openvpn server	l2tp passthrough, pptp server, openvpn server	pptp, ipsec, l2tp passthrough	pptp, ipsec, l2tp passthrough, openvpn server	pptp, ipsec, l2tp passthrough	pptp, ipsec, l2tp passthrough	pptp, ipsec, l2tp passthrough
Cloud-beheer en -toegang	ReadyCloud	iCloud 2.0	MyFRITZ!	ReadyCloud	handmatig te configureren	myZyXELcloud	mydlink
Mobiele app(s)	Netgear Genie, Kwilt foto-app en -dienst (iOS)	ASUS Router app	MyFritz!app; Fritz!App WLAN; Fritz!App Media; Fritz!App Fon e.a.	Netgear Genie	TP-Link Tether	ZyXEL One Connect	D-Link Wi-Fi
Gemeten maximaal verbruik tijdens benchmarks	19 W	13 W	10,3 W	19 W	14 W	14 W	14 W
Gemiddelde snelheid 2,4 GHz	95,2 Mbit/s	74,3 Mbit/s	96,4 Mbit/s	75,1 Mbit/s	87,5 Mbit/s	91,7 Mbit/s	72,8 Mbit/s
Gemiddelde snelheid 5 GHz	302 Mbit/s	316,8 Mbit/s	279 Mbit/s	291,8 Mbit/s	266,5 Mbit/s	223,8 Mbit/s	226 Mbit/s
Gemiddelde snelheid lan	870 Mbit/s	907,5 Mbit/s	853,5 Mbit/s	870,5 Mbit/s	857 Mbit/s	874 Mbit/s	889 Mbit/s
Gemiddeld bereik (lagere waarde is beter!)	57,7 -dBm	55,7 -dBm	52,2 -dBm	56 -dBm	53,5 -dBm	54,7 -dBm	53,3 -dBm
Gemiddelde usb-snelheid	35,3 MB/s	24,8 MB/s	6,6 MB/s	26,6 MB/s	5,4 MB/s	16,2 MB/s	niet van toepassing