

BERNARD TELEPHONE & COMMUNICATIONS

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Is Your Router Slowing You Down?

If you're not getting the speed your paying for it could be your wireless router. As speed options increase, the wireless technology you're using needs to be able to accommodate it. Consider the age of your router when troubleshooting your speed issues.

Below are some things to consider when shopping for a new router that will fit your needs.

Single-band routers: These routers are typically at the lower end of the price spectrum at around \$50 or less. They operate on a 2.4GHz radio band and are well suited for houses with limited devices, Web browsing, and connecting to social media sites like Facebook and Twitter. The major issue with 2.4GHz routers is that they will compete with other 2.4GHz devices such as microwave ovens, cordless phones and Bluetooth hardware.

Dual-band routers: Operating on the widely used 2.4GHz band and the less crowded 5GHz band, these routers are your best bet when connecting gaming consoles, media servers or smart HDTVs. This option allows you to connect your smartphones and laptops to the 2.4GHz band saving the 5GHz band for content that requires stronger bandwidth like streaming HD video and playing video games. Expect to pay \$100 or more for these routers.

802.11n model vs 802.11ac model: The 802.11n model works well in households with only a handful of wireless devices. Although it still works well, it is an aging technology. The 802.11ac works best for newer devices that require faster speed throughputs to get optimal performance. It also offers several new networking technologies that help increase wireless range.

Additional features to look for: If you have a mix of wired and wireless devices, make sure your new router has at least 4 gigabit Ethernet ports as well as a WAN port. Also having a router with at least 1 USB port will help when attaching things like external hard drives and printers. Having external antennas helps to achieve the best possible signal reception.

WR-6895 Wireless Router by COMTREN



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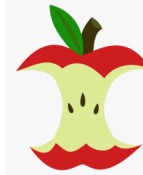
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Q	R	F	I	L	S	H	Y	L	D	E	R	E	V	I	L	P	A	L	T	H	S	L
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M	R	S	P	O	O	Y	O	O	L	P	O	E	K	R	Q	J	G	I	E	U	S	E
S	C	X	A	C	W	N	Y	T	H	A	G	M	W	I	U	K	Y	S	T	Z	K	F
E	S	N	S	J	A	K	E	I	V	Z	T	A	N	S	A	P	E	P	H	H	L	P
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FUSC Update-Federal Universal Service Charge

Effective October 1st, 2020 the Federal Universal Service Charge (FUSC) contribution factor will be increasing from 26.5% to 27.1%. The FUSC amount is calculated by multiplying the contribution factor times your interstate service charges. This factor may change quarterly, depending upon the needs of the Federal Universal Service Fund (USF). The USF is a government mandated program that is designed to help make phone service affordable and available to all Americans, including consumers with low income, those living in areas where the costs of providing telephone service is high, and to schools, libraries, and rural health care providers.

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