

When Comcast installs fiber to the home they must put 2 devices inside the house. These are the Optical Network Unit (ONU) and Comcast Gateway router (next gen XER10)

Comcast will be symmetrical Fiber to the Home (EPON technology)



Fiber to the Unit

- 2 Devices (Gateway and ONU)

XF-ONU - Nokia NKF11AEL

This product specification document describes the information of 1-signalized, Mechanical, package for Nokia XF-ONU. Customer model NKF11AEL. The Nokia XF-ONU (ONU) supports 10G-PON2 XG-LAN port with MACsec encryption capability (when paired with a Comcast XER10 gateway).



XER10

Xfinity Ethernet Router

FEATURES:

- Tri-Band WiFi 7 Multi-gig Wireless
- 10 Gigabit Ethernet (WAN & LAN)
- Quadcore Processor
- ZigBee and BLE for IoT Support
- RJ11 Port for Voice Support

PRODUCT OVERVIEW:

The XFINITY XER10 is a 10G Ethernet router with an improved WiFi solution to customer homes. It features WiFi 7, including Tri Band 4x4 wireless radios offering outstanding WiFi performance leveraging WiFi 7 (802.11be). It will support advanced services including voice, IoT functionality and video. It will also support 10 gigabit speeds to customers as well as multi-gigabit over WiFi.



XER10 Specifications		
SoCs (Hardware)	Main Processor	Quad Core 2.2 GHz CPU
	Wi-Fi Configuration	Tri-Band Wi-Fi 7 (802.11be) 320MHz 2.4GHz - 4x4 5GHz - 4x4 6GHz - 4x4
	IoT	Bluetooth Zigbee
	Flash	4GB eMMC
	RAM	2GB DDR4
Interfaces (Rear panel)	Ethernet Ports	[1] 10Gbps WAN port [1] 10Gbps LAN port [3] 1Gbps LAN ports
	Power	External DC Power (EPS-6)
Device type	Tabletop	
Dimension	124.5mm x 241mm	
Weight	3.2lbs (1.4kg)	