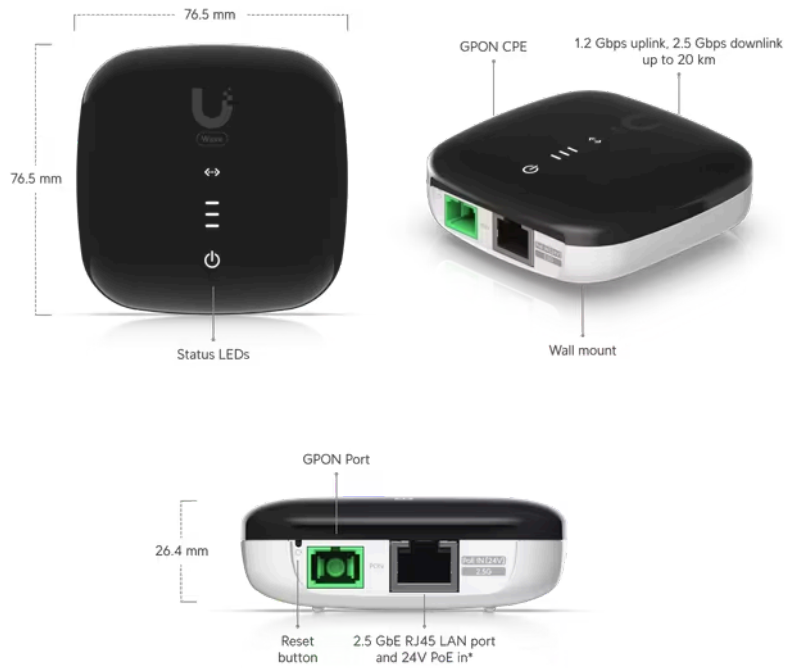




# WAVE-ONU

## Wave-Fiber-ONU



\*PoE power adapter 24V, 0.3A included with single unit purchases.

## Mechanical

Dimensions	76.5 x 76.5 x 26.4 mm (3 x 3 x 1")
Weight	78 g (2.8 oz)
Enclosure material	Polycarbonate

## Hardware

Networking interface	(1) SC/APC, ITU-G.984 GPON WAN port (1) 1/2.5 GbE RJ45 LAN port
Management interface	Ethernet in-band PON
Power method	PoE, 0.3A
Power supply	24V passive PoE 2-pair (4, 5+; 7, 8-)
Supported voltage range	20-28V DC
Max. power consumption	5W

<b>Total non-blocking line rate</b>	
<b>Downstream</b>	2.488 Gbps
<b>Upstream</b>	1.244 Gbps
<b>Normal range of optical module</b>	
<b>TX</b>	1.5 to 5 dBm
<b>RX</b>	-8 to -28 dBm
<b>Mounting</b>	Desktop, wall
<b>Button</b>	(1) Factory reset
<b>Ambient operating temperature</b>	-15 to 45° C (5 to 113° F)
<b>Ambient operating humidity</b>	10 to 90% noncondensing
<b>Certifications</b>	FCC, IC, CE
<b>LEDs</b>	
<b>PON status</b>	(3) signal LEDs All-OFF: bootup 1x red: signal too low (< -28 db) 1x white: signal low (>= -28 db) 2x white: signal good (>= -25 db) 3x white: signal strong (>= -11 db) 1x red + 2x white: signal too strong (>= -8 db) 3x red: no signal LEDs alternate between red and a signal strength indicator: No authority
<b>Ethernet</b>	Steady white: link up Blinking white: activity OFF: link down
<b>Power</b>	White: ON
<b>Software</b>	
<b>Mode</b>	ONU/ONT layer 2/3 Ethernet switch
<b>Services</b>	Web server, telnet, NAT, bridging and routing, firewall features, and application passthrough features
<b>Utilities</b>	Dashboard, monitoring, alarms, and logs
<b>Security</b>	GEM Port Encryption
<b>Other</b>	Remote reset, remote reboot, remote firmware upgrade, VLAN support

## Fiber

### Operating wavelength

TX	1310 nm
RX	1490 nm

Line code Scrambled NRZ

### Optical interface nominal bit

rate	2488.32 Mbit/s
Downstream	1244.16 Mbit/s
Upstream	

Physical reach 20 km