

Tech Specs

UniFi **UISP** Branding

60 GHz Wireless

Wireless

Fiber

Wired

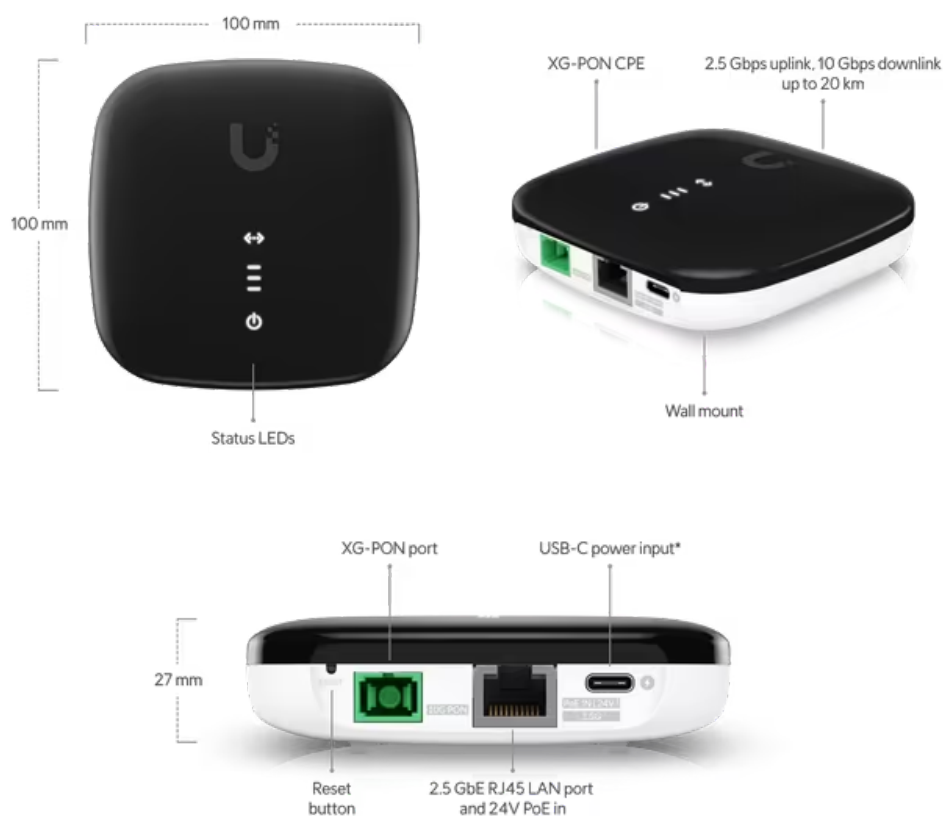
Accessory Tech

Fiber > [Fiber XG](#)

Datasheet

Marketing Images

Installation Guide



*USB-C 5V DC, 3A adapter included.

Mechanical

Dimensions

100 x 100 x 27 mm (3.9 x 3.9 x 1.1")

Weight

220 g (0.49 lb)

Enclosure material	UV-stabilized polycarbonate
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Hardware

Networking interface	(1) SC/APC, ITU-G.987 XGPON WAN port (1) 100/1,000/2,500 MbE RJ45 LAN ports
Management interface	Ethernet in-band PON
PoE interface	(1) PoE in, 24V DC passive PoE
Memory	256 MB DDR
Onboard flash storage	32 MB NOR
Max. power consumption	6W
Power method	USB-C 5V DC, 3A 24V DC passive PoE
Power supply	5V DC, 3A power adapter Passive PoE 2-pair (4, 5+; 7, 8-)
Supported voltage range	5V DC adapter 10-30V DC passive PoE
Total non-blocking line rate	Downstream: 9.95 Gbit/s Upstream: 2.44 Gbit/s
Normal TX range of optical module	2 to 7dBm
Normal RX range of optical module	-9 to -27dBm
Button	(1) Factory reset
Ambient operating temperature	-15 to 45° C (5 to 113° F)
Ambient operating humidity	10 to 95% non-condensing
Certifications	CE, FCC, IC

Fiber

Operating wavelength	TX: 1,270nm RX: 1,577nm
Line code	Scrambled NRZ

Physical reach	20 km
LEDs	
Power	White: ON
Ethernet	Steady white: link up Blinking white: activity OFF: link down
PON status	(3) signal LEDs All-OFF: bootup 1x orange: signal too low (< -27 dbm) 1x white: signal low (>= -27 dbm) 2x white: signal good (>= -24 dbm) 3x white: signal strong (>= -12 dbm) 1x orange + 2x white: signal too strong (>= -9 dbm) 3x orange: no signal LEDs alternate between orange + white + orange and a signal strength indicator: no authority

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