

# Tech Specs

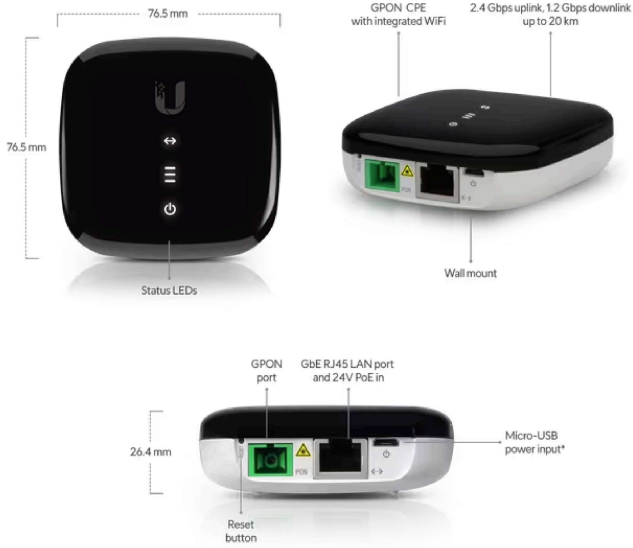
UniFi UISP Branding

UniFi Cloud Gateways WiFi Switching Cloud Keys & Gateways Camera Security Door Access Managed VoIP New Integrations Accessories

UFiber Loco

Datasheet

Marketing Images



\*Micro-USB 5V, 1A power adapter included in single-pack only.

## Mechanical

Dimensions	76.5 x 76.5 x 26.4 mm (3 x 3 x 1")
Weight	77 g (2.7 oz)
Enclosure material	Polycarbonate

## Hardware

Networking interface	(1) SC/APC, ITU-G.984 GPON WAN port (1) GbE RJ45 LAN ports
Management interface	Ethernet In-Band PON
Power method	Micro-USB: 5V, 1A 24V Passive PoE (Pins +4, 5; -7, 8)
Power supply	Micro-USB Power Adapter* *Included only in the single-pack of the UF-LOCO.
Supported voltage range	4.7-5.3V
Max. power consumption	3.5W
Total non-blocking line rate	
Downstream	2.488 Gbps
Upstream	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>Button</b>	(1) Factory reset
<b>Ambient operating temperature</b>	-10 to 45° C (14 to 113° F)
<b>Ambient operating humidity</b>	10 to 90% noncondensing
<b>Certifications</b>	CE, FCC, IC

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## LEDs

<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

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## Software

<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>Other</b>	Remote reset, remote reboot, remote firmware upgrade, VLAN support
<b>Security</b>	GEM Port Encryption
<b>Ubiquiti specific features</b>	UISP Mobile App

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## Fiber

<b>Operating wavelength</b>	
<b>TX</b>	1310 nm
<b>RX</b>	1490 nm
<b>Line code</b>	Scrambled NRZ
<b>Optical interface nominal bit rate</b>	
<b>Downstream</b>	2488.32 Mbit/s
<b>Upstream</b>	1244.16 Mbit/s
<b>Physical reach</b>	20 km

### Stay in Touch



