

# Tech Specs

UniFi UISP Branding

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\*Micro SD card must have at least 128 GB of storage.

## Mechanical

Dimensions	Ø110 x 184.1 mm (Ø4.33 x 7.3")
Weight	1.2 kg (2.5 lb)
Enclosure material	Polycarbonate

## Hardware

Processor	Dual-core Arm® Cortex® A53 at 1.35 GHz
System memory	2 GB
Expansion slot	Micro SD memory card* (Optional) *Requires a memory card with at least 128 GB of storage.
Management interface	Ethernet Bluetooth
Networking interface	(4) LAN: GbE RJ45 ports (1) WAN: GbE RJ45 port
PoE interface	(2) PoE
Power method	Universal AC input, 100—240V AC, 1.1A Max., 50/60 Hz
Power supply	AC/DC, internal, 50W
Supported voltage range	100—240V DC
Max. power consumption	19.37W (Excluding PoE output)
PoE budget	40W
Max. PoE wattage per port by PSE	15.4W
Voltage range PoE mode	44—57V DC
Max. TX power	
2.4 GHz	26 dBm
5 GHz	26 dBm

<b>MIMO</b>	
2.4 GHz	4 x 4
5 GHz	4 x 4
<b>Throughput rate</b>	
2.4 GHz	600 Mbps
5 GHz	2.4 Gbps
<b>Antenna gain</b>	
2.4 GHz	3.4 dBi
5 GHz	4.3 dBi
<b>Antenna</b>	(1) Internal, dual-band, quad-polarity antenna
<b>LCM display</b>	(1) 0.96" screen
<b>Button</b>	Factory reset
<b>LEDs</b>	White/blue
<b>Operating temperature</b>	-10 to 45° C (14 to 113° F)
<b>Operating humidity</b>	5 to 95% noncondensing
<b>Certifications</b>	CE, FCC, IC

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## Gateway Features

<b>Performance</b>	WiFi QoS with UniFi APs Application, domain, and country-based QoS Application and device type identification Additional internet failover with LTE Backup Internet quality and outage reporting
<b>Next-generation security</b>	Application-aware firewall rules Signature-based IPS/IDS threat detection Content, country, domain, and ad filtering VLAN/subnet-based traffic segmentation Full stateful firewall
<b>Advanced networking</b>	License-free SD-WAN WireGuard, L2TP and OpenVPN server OpenVPN client OpenVPN and IPsec site-to-site VPN One-click Teleport and Identity VPN Policy-based WAN and VPN routing DHCP relay Customizable DHCP server IGMP proxy IPv6 ISP support

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## Software

<b>WiFi standards</b>	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
<b>Wireless security</b>	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
<b>BSSID</b>	8 per radio
<b>VLAN</b>	802.1Q
<b>Advanced QoS</b>	Per-user rate limiting
<b>Guest traffic isolation</b>	Supported
<b>Concurrent clients</b>	300+

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## Supported Data Rates

<b>802.11a</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11b</b>	1, 2, 5.5, 11 Mbps
<b>802.11g</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11n (WiFi 4)</b>	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
<b>802.11ac (WiFi 5)</b>	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
<b>802.11ax (WiFi 6)</b>	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

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