UniFi® Network

Dream Machine Pro Special Edition

UniFi rack-mountable 10Gbps controller gateway with integrated PoE switch and 128GB of internal storage

The UniFi Dream Machine Pro Special Edition is an all-in-one, enterprise-class network and security gateway that bundles 10 Gbps SFP+ WAN capability, a Gigabit PoE switch, and a network video recorder with 128 GB of storage–and lets you manage it all from a single web or mobile interface. The UDM-Pro-SE, powered by UniFi OS, gives you full control over all your UniFi devices, including access points, Protect cameras, Talk phones, and Access readers, and offers seamless access to upcoming UniFi software controllers. The device's integrated Bluetooth radio also simplifes initial setup and configuration, which can be completed in minutes with the UniFi Mobile app. The UDM-Pro-SE promotes end-to-end simplicity, allowing you to build home and business networks easily and run them smoothly.

Mechanical

Dimensions	442.4 x 43.7 x 285.6 mm (17.42 x 1.72 x 11.24")
Weight	4.95 kg (10.91 lb)
Enclosure materials	Aluminum CNC, SGCC steel
Mount material	SGCC steel rack mount

Hardware

Processor	Quad-Core ARM® Cortex®-A57 at 1.7 GHz
System memory	4 GB DDR4
On-board storage	16 GB eMMC Integrated 128 GB SSD
IDS/IPS throughput	3.5 Gbps* *Measured with iPerf3
Max. power consumption	50W
Power method	(1) Universal AC input, 100-240VAC, 4.4A Max, 50/60 Hz (1) USP-RPS DC input, 52VDC, 3.46A
Power supply	AC/DC, Internal, 240W
Supported voltage range	100 to 240VAC
Management interfaces	Ethernet Bluetooth
Networking interfaces	(1) WAN: 2.5 GbE RJ45 ethernet (8) LAN: 1 GbE RJ45 ethernet
SFP+ interfaces	(1) WAN: 10G SFP+ (1) LAN: 10G SFP+
PoE interfaces	(8) PoE IEEE 802.3af (pair A 1, 2+; 3, 6-)
Total available PoE	130W
Max. PoE wattage per port by PSE	15.4W
Voltage range 802.3af mode	44 to 57V
ESD/EMP protection	Air: ± 15 kV, contact: ± 8 kV
LCM display	(1) 1.3" touchscreen Bootup animation: bootup in progress Firmware upgrade Icon: firmware upgrading
Button	Factory reset
Operating temperature	-10 to 40° C (14 to 104° F)

Operating humidity	5 - 95% noncondensing
Certifcations	CE, FCC, IC

LEDs

Ethernet	White: link/activity
SFP+	White: link/activity
HDD	White: disk activity, amber: disk error
RPS	Blue: ready