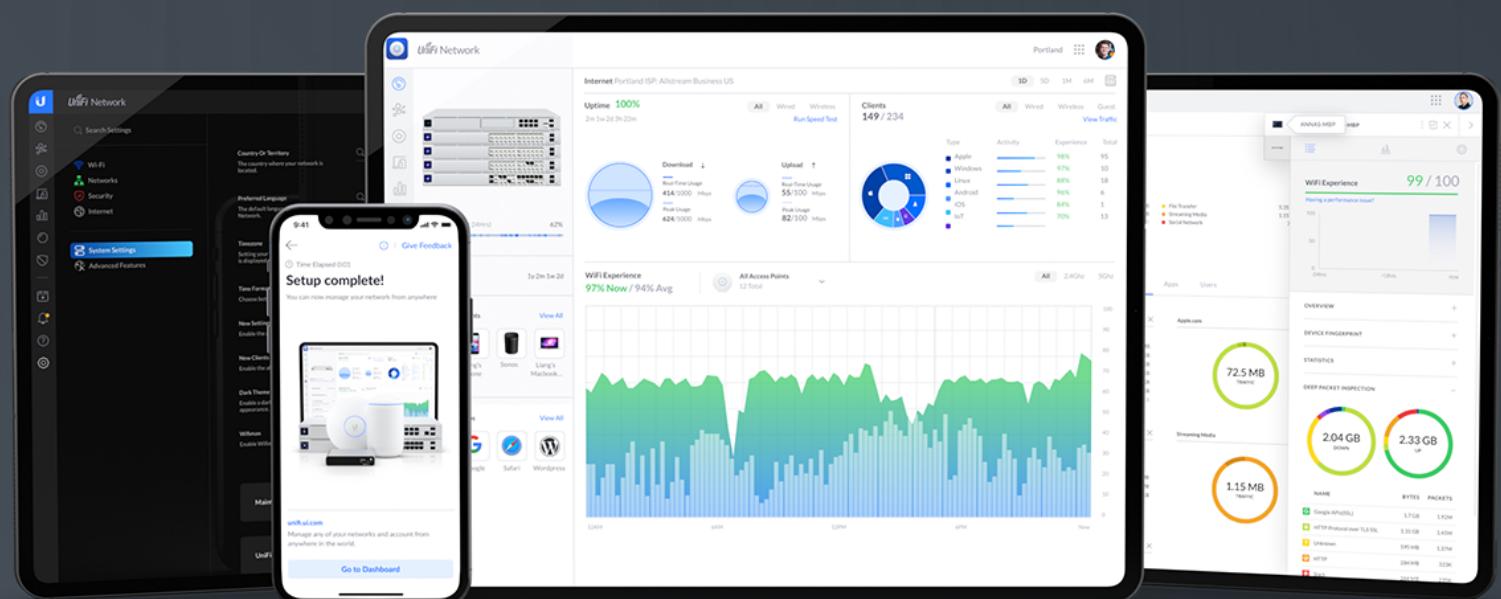UniFi® Network

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
Storage	Integrated 128 GB SSD
IDS/IPS troughput	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 interface	Ethernet Bluetooth
Networking interfaces	(1) WAN: 100/1,000/2,500 Mbps RJ45 ethernet (8) LAN: 10/100/1000 Mbps RJ45 ethernet
SFP+ interfaces	(1) WAN: 1/10G SFP+ (1) LAN: 1/10G 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

Compliance
FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies
with Part 15 of the FCC Rules.
Operation is subject to the following two conditions.

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
This radio transmitter (FCC ID: SWX-UDMPROSE) has been approved by FCC.

ISED Canada
CAN ICES-3(A)/NMB-3(A)

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two

conditions:

1. This device may not cause interference, and

2. This device must accept any interference, including interference that may cause undesired operation of the

device.This radio transmitter (IC: 6545A-UDMPROSE) has been approved by ISED Canada.

CAN ICES-3(A)/NMB-3(A)

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage;

2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Le présent émetteur radio (IC: 6545A-UDMPROSE) a été approuvé par ISDE Canada.

IMPORTANT NOTE:
Radiation Exposure Statement:

• This equipment complies with radiation exposure limits set forth for an uncontrolled environment.

• This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

• This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

AVIS IMPORTANT :
Déclaration sur l'exposition aux rayonnements :

• Cet équipement est conforme aux limites prévues pour l'exposition aux rayonnements dans un environnement non contrôlé.

• Lors de l'installation et de la mise en fonctionnement de l'équipement, assurez-vous qu'il y ait une distance minimale de 20 cm entre l'élément rayonnant et vous.

• Cet émetteur ne doit être installé à proximité d'aucune autre antenne ni d'aucun autre émetteur, et ne doit être utilisé conjointement à aucun autre de ces appareils.