



# Dream Machine Special Edition

All-in-one router and security gateway with an integrated PoE switch and network video recorder.

The Dream Machine Special Edition (UDM SE) is an enterprise-grade UniFi OS Console capable of helping home and business owners alike seamlessly scale and manage their networks with high-speed, dual-WAN connectivity (10G SFP+ and 2.5GbE RJ45 ports), a Gigabit, PoE switch, and a network video recorder (NVR) with 128 GB of internal storage. Powered by UniFi OS, the UDM SE gives you full control of all your UniFi devices, including access points, Protect cameras, Talk phones, and Access readers. It's also a future-proof console since it will be able to run all upcoming UniFi OS applications. Engineered for end-to-end simplicity, the UDM SE features an integrated Bluetooth radio that streamlines the initial setup and configuration process, which can be completed in minutes with the UniFi Network application (web or mobile).



## 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	Aluminium 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* <small>*Measured with iPerf3</small>
Max. power consumption (excluding PoE output)	50W
Power method	(1) Universal AC input, 100-240VAC, 4.4A Max, 50/60 Hz (1) USP-RPS DC input, 52VDC, 3.94A
Power supply	AC/DC, Internal, 240W
Supported voltage range	100 to 240VAC
Management interfaces	Ethernet Bluetooth
Networking interfaces	(1) WAN: 2.5 GbE RJ45 port (8) LAN: 1 GbE RJ45 ports
SFP+ interfaces	(1) WAN: 10G SFP+ (1) LAN: 10G SFP+
PoE interfaces	(2) PoE+ IEEE 802.3at (pair A 1, 2+; 3, 6-) (6) PoE IEEE 802.3af (pair A 1, 2+; 3, 6-)
Max. PoE wattage per port by PSE 802.3af	15.4W
Max. PoE wattage per port by PSE 802.3at	30W
Voltage range 802.3af mode	44 to 57V
Voltage range 802.3at mode	50 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
Certifications	CE, FCC, IC

## LEDs

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



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