

- Switching
- WiFi
- Camera Security
- Door Access
- Integrations
- Advanced Hosting

Large Scale > [Dream Machine Special Edition](#)



Dream Machine Special Edition

UDM-SE

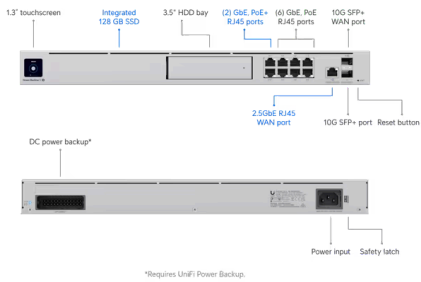
Datasheet

In The Box

Marketing Images

Accessories

Installation Guide



Overview

Dimensions 442.4 x 43.7 x 285.6 mm (17.4 x 1.7 x 11.2")

UniFi Application Suite

Network	✓
Protect	✓
Access	✓
Talk	✓
Connect	✓
Managed UniFi Devices	100+

Managed Cameras	(24) HD (14) 2K (8) 4K
Managed Access Hubs	150
Simultaneous Users Connected	1,000+
Max. WAN Port Count	8
Default WAN Ports	(1) 10G SFP+ (1) 2.5 GbE RJ45
Port Layout	
1 GbE RJ45	8 (1G/100M/10M)
2.5 GbE RJ45	1 (2.5G/1G/100M/10M)
10G SFP+	2 (10G/1G)
IDS/IPS Throughput	3.5 Gbps
Form Factor	Rack mount (1U)
Redundancy	Shadow Mode (VRRP) Gateway Failover DC Power Backup
^ Security	
Stateful Firewall	✓
Application-Aware Layer 7 Firewall	✓
DPI & Traffic Identification	✓
Zone-Based Firewall Advanced Filtering (Regions, Domains, Apps)	✓
Content Filtering	✓
Intrusion Prevention (IPS/IDS)	✓
Ad Blocking	✓
IDS/IPS Signatures	55,000+ with CyberSecure

VLAN/Subnet-based Traffic Segmentation	✓
^ VPN & SD-WAN	
License-Free SD-WAN	✓
Site-to-Site VPN	
Site Magic	✓
IPsec	✓
OpenVPN	✓
VPN Server	
Identity Endpoint One-Click VPN	✓
Teleport Zero-Configuration VPN	✓
WireGuard	✓
OpenVPN	✓
L2TP	✓
VPN Client	
OpenVPN	✓
WireGuard	✓
^ Networking	
Multi-WAN Load Balancing	✓
Shadow Mode (VRRP) High Availability	✓
LACP Port Aggregation	✓
Dynamic Routing	
OSPF	✓
BGP	✓
Advanced QoS	✓
Multicast DNS (mDNS)	✓

Advanced NAT (SNAT / DNAT / Masquerade / NAT Pooling / 1-to-1 NAT)	✓
Integrated RADIUS Server	✓
RADIUS over TLS (RadSec)	✓
Additional Internet Failover with UniFi LTE Backup	✓
Internet Quality and Outage Reporting	✓
MAC Address Table Size	4,000
Policy-based WAN and VPN Routing	✓
Customizable DHCP Server	✓
IPv6 ISP Support	✓
IGMP Proxy	✓
Virtual Network Override	✓
All Traffic Flows	✓

^ **Hardware**

NVR Storage	(1) 3.5" NVR HDD bay Built-in 128 GB SSD for Faster Experience
PoE Budget	180W
Max. PoE Wattage per Port by PSE	
PoE	15.4W
PoE+	30W
Voltage Range PoE Mode	PoE: 44-57V PoE+: 50-57V
Max. Power Consumption	50W (Excluding PoE Output)
Power Method	(1) Universal AC input, 100-240V AC, 4.4A Max., 50/60 Hz (1) USP-RPS DC input, 52V DC, 3.94A
Power Supply	AC/DC, internal, 240W
Supported Voltage Range	100-240V AC
Heat Dissipation	170 BTU/hr (Excluding PoE Output)

Processor	Quad-core ARM® Cortex®-A57 at 1.7 GHz
System Memory	4 GB
On-board Storage	16 GB eMMC 128 GB SSD (Integrated)
Weight	5 kg (10.9 lb)
Enclosure Material	Aluminium CNC, SGCC steel
Mount Material	SGCC steel
LCM Display	1.3" touchscreen
Management	Ethernet Bluetooth
LEDs	
Ethernet	✓
SFP+	✓
RPS	✓
PSU	✓
HDD	✓
Button	(1) Factory reset
ESD/EMP Protection	Air: ± 15kV, contact: ± 8kV
Ambient Operating Temperature	-10 to 40° C (14 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 07309-22-08356, SRRC

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