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Product Specification Sheet

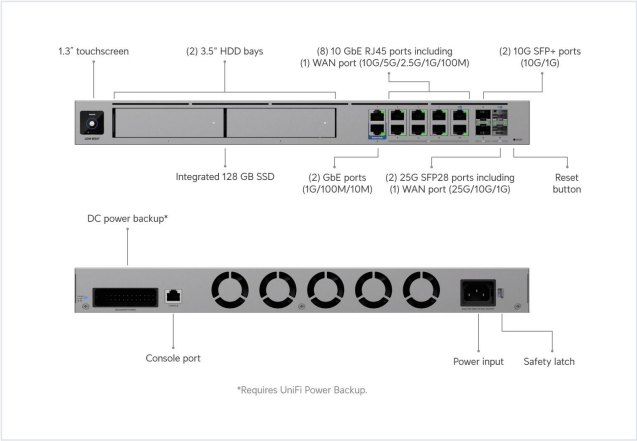
UDM-BEAST

Ubiquiti UDM-BEAST UniFi Dream Machine Beast 8x 10G Ethernet & 2x SFP28 2SFP+ Port Cloud Gateway

Product Overview

Ubiquiti UDM-BEAST UniFi Dream Machine Beast 8x 10G Ethernet & 2x SFP28 2SFP+ Port Cloud Gateway, 750+ Managed UniFi devices, (40) 4K Managed cameras, 200 Managed Access hubs, 7500+ simultaneous users connected, 8 Maximum WAN Port count, 2x 1 GbE RJ45, 8x 10 GbE RJ45, 2x 10G SFP+, 2x 25G SFP28, 25 Gbps IDS/IPS Throughput, Rack Mount (1U), 128GB SSD as well as 2x 3.5" HDD Hard Drive bays











Specifications

Overview Summary:

The Ubiquiti UDM-BEAST UniFi Dream Machine Beast is a high-performance Cloud Gateway designed for demanding enterprise and large-scale UniFi networks. It delivers up to 25Gbps IDS/IPS throughput, supports 7,500+ simultaneous users and provides extensive 10GbE and 25G SFP28 connectivity in a rack-mount 1U chassis.

With integrated UniFi Network, Protect, Access, Talk and Connect applications, the UDM-BEAST provides a central platform for advanced networking, security, VPN, SD-WAN and device management. Buy now for a powerful, scalable UniFi gateway solution in South Africa.

Performance tier: Enterprise / hyperscale-class

Uses:enterprise networking, multi-WAN connectivity, network security, VPN and SD-WAN, UniFi device management, IP camera management, access control, high-density user networks, rack-mounted network infrastructure

Overview:

Ubiquiti's UDM-BEAST is a hyperscale-class multi-WAN Cloud Gateway delivering 25Gbps IPS/IDS, a 7500+ client capacity and the full UniFi application platform in one system. It features 8x 10Gbps Ethernet Ports, 2x Gigabit Ethernet Ports, 2x SFP+ 10Gbps SFP slots and 2x SFP28 25Gbps SFP slots.

The unit also comes preloaded with a 128GB SSD as well as 2x 3.5" HDD hard drive bays.

Description:

The Ubiquiti UniFi Dream Machine Beast UDM-BEAST is a high-capacity Cloud Gateway designed for demanding enterprise, data centre and large-scale UniFi deployments. It combines advanced routing, security, network management and UniFi application services into a single 1U rack-mount system, providing the performance needed for environments with large numbers of connected clients, cameras and managed UniFi devices.

With 8x 10GbE RJ45 ports, 2x 1GbE RJ45 ports, 2x 10G SFP+ ports and 2x 25G SFP28 ports, the UDM-BEAST provides extensive high-speed connectivity for modern network infrastructure. Its multi-WAN design supports up to 8 WAN ports, making it suitable for resilient internet connectivity and complex enterprise network configurations.

The 25Gbps IDS/IPS throughput provides substantial security processing capacity while maintaining high network

performance. The system can support more than 7500 simultaneous users, making it suitable for large offices, campuses, hospitality environments, commercial sites and other high-density deployments.

The integrated storage options add further flexibility. The UDM-BEAST includes a 128GB SSD and provides two 3.5" HDD bays for additional storage, making it well suited to deployments requiring local data storage and UniFi application services.

Features:

High-Speed Network Connectivity
The UDM-BEAST is built around high-bandwidth networking, providing a combination of 10GbE, 10G SFP+ and 25G SFP28 connectivity for demanding network environments.

- 8x 10GbE RJ45 ports
- 2x 1GbE RJ45 ports
- 2x 10G SFP+ ports
- 2x 25G SFP28 ports
- Up to 8 WAN ports
- 25Gbps IDS/IPS throughput

Built for Large UniFi Deployments
Designed for large-scale UniFi environments, the UDM-BEAST can manage more than 750 UniFi devices and up to 40 managed 4K cameras. It also supports up to 200 managed Access hubs and more than 7500 simultaneous connected users, providing considerable capacity for growing enterprise networks.

The full UniFi application platform is integrated into the Cloud Gateway, helping centralise network management and reduce the need for multiple dedicated systems.

Integrated Storage and Rack-Mount Design
A built-in 128GB SSD provides onboard storage, while two 3.5" HDD bays allow additional storage to be installed. The 1U rack-mount form factor makes the UDM-BEAST suitable for professional server rooms, network cabinets and data centre installations where rack space needs to be used efficiently.

Ubiquiti UDM-BEAST Key Details

- Product: Ubiquiti UniFi Dream Machine Beast
- Part Number / SKU: UDM-BEAST
- Form factor: 1U rack mount
- Managed UniFi devices: 750+
- Managed 4K cameras: Up to 40
- Managed Access hubs: Up to 200
- Simultaneous users: 7500+
- Maximum WAN ports: 8
- Storage: 128GB SSD
- HDD bays: 2x 3.5"
- IDS/IPS throughput: 25Gbps

Designed for High-Density Networking
With its combination of high-speed Ethernet, fibre connectivity, multi-WAN support and powerful security processing, the UDM-BEAST is designed for organisations that require more network capacity than a conventional Cloud Gateway can provide. The extensive port selection also allows it to integrate into existing 10GbE and 25GbE infrastructure while providing room for future expansion.

The UDM-BEAST is a strong choice for enterprise networks, large offices, campuses, commercial installations and other

environments where centralised UniFi management, high throughput and extensive device support are important.

Specifications:

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Specifications	
Product Code	UDM-BEAST
Overview	
Dimensions	442.4 x 43.7 x 325 mm (17.4 x 1.7 x 12.8")
UniFi Application Suite	
Network	Yes
Protect	Yes
Access	Yes
Talk	Yes
Connect	Yes
Managed UniFi Devices	750+
Managed Cameras	(100) HD (60) 2K (40) 4K
Managed Access Hubs	200
Simultaneous Users Connected	7,500+
Max. WAN Port Count	8
Default WAN Ports	(1) 25G SFP28 (1) 10 GbE RJ45
Port Layout	
1 GbE RJ45	2 (1G/100M/10M)
10 GbE RJ45	8 (10G/5G/2.5G/1G/100M)
10G SFP+	2 (10G/1G)
25G SFP28	2 (25G/10G/1G)
Console	1
IDS/IPS Throughput	25 Gbps
Form Factor	Rack mount (1U)
Redundancy	Shadow Mode (VRRP) Gateway Failover DC Power Backup
Security	
Stateful Firewall	Yes
Application-Aware Layer 7 Firewall	Yes
DPI & Traffic Identification	Yes
Zone-Based Firewall Advanced Filtering (Regions, Domains, Apps)	Yes

Content Filtering	Yes
Intrusion Prevention (IPS/IDS)	Yes
Ad Blocking	Yes
IDS/IPS Signatures	55,000+ with CyberSecure
VPN & SD-WAN	
License-Free SD-WAN	Yes
Site-to-Site VPN	
Site Magic	Yes
IPsec	Yes
OpenVPN	Yes
VPN Server	
Identity Endpoint One-Click VPN	Yes
Teleport Zero-Configuration VPN	Yes
WireGuard	Yes
OpenVPN	Yes
L2TP	Yes
VPN Client	
OpenVPN	Yes
WireGuard	Yes
Networking	
Multi-WAN Load Balancing	Yes
Shadow Mode (VRRP) High Availability	Yes
LACP Port Aggregation	Yes
Dynamic Routing	
OSPF	Yes
BGP	Yes
Advanced QoS	Yes
Multicast DNS (mDNS)	Yes
Advanced NAT (SNAT / DNAT / Masquerade / NAT Pooling / 1-to-1 NAT)	Yes
Integrated RADIUS Server	Yes
RADIUS over TLS (RadSec)	Yes
Additional Internet Failover with UniFi LTE Backup	Yes
Internet Quality and Outage Reporting	Yes

MAC Address Table Size	32000
Policy-based WAN and VPN Routing	Yes
Customizable DHCP Server	Yes
IPv6 ISP Support	Yes
IGMP Proxy	Yes
All Traffic Flows	Yes
Hardware	
NVR Storage	(2) 3.5" NVR HDD bays Built-in 128 GB SSD for Faster Experience
Max. Power Consumption	100W
Power Method	(1) Universal AC input, 100-240V AC, 3A Max, 50/60 Hz (1) USP-RPS DC input, 11.5V DC, 13.05A
Power Supply	AC/DC, internal, 150W
Supported Voltage Range	100-240V AC
Heat Dissipation	342 BTU/hr
Processor	Octa-core ARM v9 at 2.1 GHz
System Memory	16 GB
On-board Storage	Integrated 128 GB SSD
Weight	5.5 kg (12.13 lb)
Enclosure Material	Aluminium CNC, SGCC steel
Mount Material	SGCC steel
LCM Display	1.3" touchscreen
Management	Ethernet Bluetooth
LEDs	
Ethernet	Yes
SFP+	Yes
SFP28	Yes
RPS	Yes
HDD	Yes
Button	(1) Factory reset
ESD/EMP Protection	Air: +/- 8kV, contact: +/- 4kV
Ambient Operating Temperature	0 to 40degrees C (32 to 104degrees F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	Yes
Certifications	CE, FCC, IC
Application Requirements	
Mobile App	UniFi iOS : Version 10.34.0 and later UniFi Android : Version 10.37.1 and later

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/UDM-BEAST-Ubiquiti-UDM-BEAST-UniFi-Dream-Machine-Beast-8x-10G-Ethernet-2x-SFP28-2SFP-p-339903.php

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