

AboCom UM Series Comparison Sheet

Model Name		UM1100	UM2100	UM3600	UM5800
Hardware Specifications					
Network I/F (WAN/DMZ/LAN)	Ports	8 GbE	8 GbE	10 ~ 18 GbE	10 ~ 42 GbE
	Type	RJ45	RJ45	RJ45 / Mini-GBIC	RJ45 / Mini-GBIC
	Self Define	O	O	O	O
Console Port		O	O	O	O
USB Port		USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 2	USB 3.0 x 2
Main memory		2 GB	2 GB	2 GB	4 GB
HDD capacity		500 GB	500 GB	500 GB	1 TB
Power Supply		Built-in	Built-in	Built-in	Built-in / Dual Power
Dimasion(WxDxH)		32x26x4.5 cm	43x30x4.5 cm	44x37x4.5 cm	44x58x9 cm
Weight(Net)		2.2 Kg	4.2 Kg	8.3 Kg	14.5 Kg
Formfactor (Inch)		12.5" / 1U Rackmount	19" / 1U Rackmount	19" / 1U Rackmount	19 / 2U 1U Rackmount
Product Performance					
Maximum (Firewall) Throughput *		1.5 Gbps	3 Gbps	10 Gbps	30 Gbps
VPN Throughput (IPSec/3DES)*		250 Mbps*	800 Mbps*	600 Mbps	800 Mbps
Daily Processing Capacity (100KB/mail)		20,000 Mails (2GB)	50,000 Mails (5GB)	100,000 Mails (10GB)	200,000 Mails (20GB)
Maximum Con-Current Sessions		2,000,000	2,000,000	2,000,000	4,000,000
Recommend Users Site		~150	~300	~600	~1500
Software Specifications					
Load Balancing (LB)	In / Out-bound LB*	O	O	O	O
	ServerLB	O	O	O	O
	VPN LB	O	O	O	O
	Virtual WAN	X	X	O (up to 100 ISP Line)	O (up to 100 ISP Line)
High Availability (HA)		X	O	O	O
IPv6 / IPv4 Dual Protocol		O	O	O	O
Mail Security	Anti-Spam	O	O	O	O
	Anti-Virus	O	O	O	O
	Mail Attack Defense	O	O	O	O
	Mail Audit & Archive	X	O	O	O
	Mail Security Report	O	O	O	O
Virus Wall(Mail、HTTP、FTP、IM)		ClamAV、CYREN(Optional)	ClamAV、CYREN(Optional)	ClamAV、CYREN(Optional)	ClamAV、CYREN(Optional)
IDP		O	O	O	O
WAF		X	X	O	O
802.11Q VLAN / VLAN Trunking		O	O	O	O
SIP Proxy	for VoIP	O	O	O	O

Plicy base + SPI Firewall		O	O	O	O
RIP-v2/OSPF/BGP Routing		O	O	O	O
DHCP Relay Agent		O	O	O	O
NAT / PAT / Virtual Server		O	O	O	O
24x7 Full Time Schedule		O	O	O	O
Application Filtering (IM/P2P/FTP/Tunnel/Webmail...)		O	O	O	O
FQDN		O	O	O	O
URL(Keyword)Blocking		O	O	O	O
URL(Cloud Database)Filtering		Option	Option	Option	Option
VPN	IPSec / PPTP	O	O	O	O
	VPN Trunking	O	O	O	O
	SSL VPN	O	O	O	O
	SSL VPN H/W Auth.	O	O	O	O
Bandwidth Mgn. (QoS)	Max./Guarantee/Priority	O	O	O	O
	P2P QoS	O	O	O	O
	Quota limit	O	O	O	O
Native Auth.	Account Database	O	O	O	O
OTP Auth.	One-Time Password	OTP APP(Android / iOS)	OTP APP(Android / iOS)	OTP APP(Android / iOS)	OTP APP(Android / iOS)
External Host Auth.	External Authentication	RADIUS/POP3/LDAP/NTLM Server	RADIUS/POP3/LDAP/NTLM Server	RADIUS/POP3/LDAP/NTLM Server	RADIUS/POP3/LDAP/NTLM Server
3rd Authentication	Ad Auth.	O	O	O	O
	FB Check-in	O	O	O	O
	Line Add Friend	O	O	O	O
	WeChat Auth.	O	O	O	O
AAA Service	Authentication/Authorization/Accounting	O	O	O	O
USB Function	External 3G/4G NIC LB*	O	O	O	O
	External 3G/4G NIC Backup	O	O	O	O
Network Traffic Analysis		O	O	O	O
System Statistical Analysis		O	O	O	O
Abnormal traffic filtering controls		O	O	O	O
Core-defense	With Special Switch	O	O	O	O
Bulletin Board		O	O	O	O
SNMP v3	Agent / Trap / IPv6	O	O	O	O
Web UI	TC/SC/English	O	O	O	O
Users Limited		No Limited	No Limited	No Limited	No Limited

* Product performance testing data base on longest Ethernet packet 1518 Bytes and two-way full-duplex transmission, as a performance benchmark.

* UM1100 and UM2100 built-in IPSec VPN hardware acceleration wafer.