





Vertiv™ Avocent® Management Appliance Comparison



	Vertiv™ Avocent® AutoView™	Vertiv™ Avocent® MergePoint Unity™	Vertiv™ Avocent® Universal Management Gateway (EOL)	Vertiv™ Avocent® ADX Rack Manager
	AV3108, AV3216	MPU108E, MPU2016, MPU2032, MPU4032, MPU8032	UMG4000	RM1048P
Appliance Feature:				
Application	SMB	Enterprise	Enterprise	From Edge to SMB to Enterprise
KVM over IP	Yes	Yes	Yes	Yes
KVM Target Ports	8 / 16	8 / 16 / 32	40	48
Remote KVM Users	1	1 / 2 / 4 / 8	40	100+
BIOS-level Target Access	Yes	Yes	Yes	Yes
Blade Support	Yes	Yes	Yes	Yes
Cascade Support (Daisy-chain)	Yes	Yes	No	No
Web Interface	Yes	Yes	Yes	Yes
HTML5 KVM Viewer	Yes	Yes	Yes	Yes
Java / ActiveX Viewer	Yes	Yes	Yes	No
Virtual Media	Yes	Yes	Yes	Yes
Smart Card Support (CAC)	Yes	Yes	Yes	Coming Soon
Mouse Synchronization	Yes	Yes	Yes	Yes
Keyboard Passthrough	Yes	Yes	Yes	Coming Soon
Local Port User Interface	Yes	Yes	Yes	Coming Soon
Max. Local KVM Resolution	1920x1080 ⁽¹⁾	1920x1080	1920x1080	N.A.
Max. Remote KVM Resolution	1600x1200	1600x1200	1920x1080	3840 x 2160 @ 30 FPS with IPUHD 1920 x 1080 @ 30 FPS with IPIQ ⁽²⁾
Target Video Connections	VGA, DisplayPort, DVI, HDMI	VGA, DisplayPort, DVI, HDMI	VGA	IPIQ: VGA IPUHD: USB-C, DisplayPort, Mini DisplayPort, HDMI
Upstream Bandwidth	Up to 100 MB	Up to 1 GB	Up to 2 GB	Up to 20 GB
KVM Session Sharing	Yes	Yes	Yes	Yes
Maximum Concurrent Users per Target Port	12	12	8	8
Record KVM Sessions	Yes	Yes	Yes	Yes
Macros	Yes	Yes	Yes	Yes
Custom Session Macros	Yes	Yes	Yes	Yes
Audit Events Log	No	No	Yes	Yes
Event Notification	SNMP	SNMP, Syslog	SNMP, Syslog	Coming Soon
Remote Authentication	LDAP	LDAP	LDAP	LDAP/AD
Maximum User Accounts	64	64	64	100+
Authorization	Target access	Target access	Target access	Target access, Permissions on device operations
3rd Party Certificates	Yes	Yes	Yes	Coming Soon
Serial Target Support	Yes (VT100)	Yes (True Serial)	Yes (True Serial)	Serial over IP ⁽³⁾
Rack PDU Support	No	Yes (Serial)	Yes (Serial and IP)	Coming Soon
Remote Modem Support	No	Yes	No	No
Service Processor	No	No	Yes	Yes
Service Processor Connection Support	No	No	Direct connection to the appliance and over the network	Direct connection to the appliance
Service Processor Protocols	No	No	IPMI 2.0 and Redfish	Redfish
Service Processor Models	No	No	iDRAC9, iDRAC8, iDRAC7 iLO5, iLO4, iLO3, XCC	iDRAC9, iDRAC8, iDRAC7 iLO5
Service Processor vKVM / virtual console	No	No	Yes	Coming Soon
API	No	No	No	Yes (RESTful APIs)
Encryption	AES 128 bits	AES 128 bits	AES 128 bits	AES 256 bits
Secure Boot	No	No	No	Yes
TLS	1.2	1.2	1.1	1.3
FIPS 140-2 Compliant	No	Yes	Yes	Coming Soon
TAA Compliant	Yes (-400 skus)	Yes (-400 skus)	Yes (-400 skus)	Yes (-400 skus)
NICs	1	2 (1 MAC address; designed for failover)	2 (2 MAC addresses; designed for accessing different networks)	4 x SFP+ uplinks (failover and bonding options are available)
Management Ports	1 (Serial Console)	1 (Serial Console)	1 (Serial Console)	1 (Serial Console) 1 (IP Management Port)
Power Options	Single AC	Dual AC	2 x AC Power supplies, Redundant	2 x AC Power supplies, Redundant
Hot-swappable Power Modules	No	No	No	Yes
Fan Options	Built-in	Built-in	Built-in	2N+1 Fan modules, Redundant
Hot-swappable Fan Modules	No	No	No	Yes (2N + 1)
Standard PoE	No	No	Yes (non-standard PoE)	Yes (standard 802.3 at)
Rack Footprint	1U	1U	1U	1U
AC Input Range	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Operating Temperature	0 to 50°C	0 to 50°C	0 to 50°C	0 to 45°C
Approved Agencies	UL, FCC Part 15, cUL, ICES-003, CE, RoHS, REACH, EAC, VCCI, KCC, RCM, BSMI	UL, FCC Part 15, cUL, ICES-003, CE, RoHS, REACH, EAC, VCCI, KCC, RCM, BSMI	UL, FCC Part 15, cUL, ICES-003, CE, RoHS, REACH, EAC, VCCI, KCC, RCM, BSMI	UL, FCC Part 15, cUL, ICES-003, CE, RoHS, REACH, EAC, VCCI, KCC, RCM, BSMI, CCC, NOM, TISI
Standard Limited Warranty	2 Years	2 Years	2 Years	2 Years
Maintenance Program (Uplift Support and Extended Warranty)	Silver and Gold (1, 2, or 4 Years)	Silver and Gold (1, 2, or 4 Years)	EOL	Silver and Gold (1, 2, or 4 Years)

Notes:

- (1) Support after firmware version V2.6 (August, 2021)
- (2) Coming soon
- (3) Coming soon

Resources:

- [Avocent® ADX ecosystem website](#)
- [MergePoint Unity KVM™ switch datasheet](#)
- [AutoView™ 3000 series KVM switch datasheet](#)
- [KVM modules compatibility matrix](#)
- [KVM cables and server interface modules](#)
- [Maintenance Program Uplift support and extended warranty](#)

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