Vertiv™ Avocent® MP1000 Management Platform

Remotely and Securely Manage Enterprise and Edge Infrastructure

VERTIV

Overview

The Vertiv™ Avocent® MP1000 Management Platform enables IT Teams to manage IT infrastructure remotely and securely, while benefitting from automated deployment and configuration processes.

Benefits

- **Increase ease of management:** Combine KVM over IP, virtual machine and service processor management to manage heterogeneous infrastructure across enterprise and edge sites.

- **Design for scalability:** Easily scale from small to large and uniform complex infrastructure with a single management platform.

- **Increase simplicity:** Simplify infrastructure complexity and improve productivity with automation of deployment and configuration tasks on IT equipment.

- **Achieve efficiency goals:** Improve efficiency by standardizing on Redfish to manage service processors and using a common set of APIs to manage your entire IT infrastructure.

- **Enhance security:** Safeguard access to IT infrastructure by restricting access to IT devices and limiting what operations users can perform on them.

- **Improve resilience:** Minimize service disruption with always-available remote access to your IT infrastructure.

Avocent® MP1000 Management Platform (Hardware or Virtual Appliance)

Demand for data center resources is growing, but particularly edge computing. Gone are the days of centralized core applications. Instead, organizations are leveraging cloud and edge computing to power digital business applications, optimize the processing of data-intensive workloads and create real-time analytics.

Edge computing provides remote users with a better experience, reducing latency with business applications and video conferencing. It also reduces bandwidth constraints; facilitates automation; and maintains data locally, enhancing security and regulatory compliance. Organizations in industries as various as education, financial services, healthcare, retail, manufacturing and more are using edge computing to deliver exceptional service at the point of need.

In addition, some companies operate engineering labs, where they test IT equipment remotely. The Avocent MP1000 Management Platform helps your teams perform remote testing at scale by securely managing and controlling devices, providing automated processes and enabling session sharing.
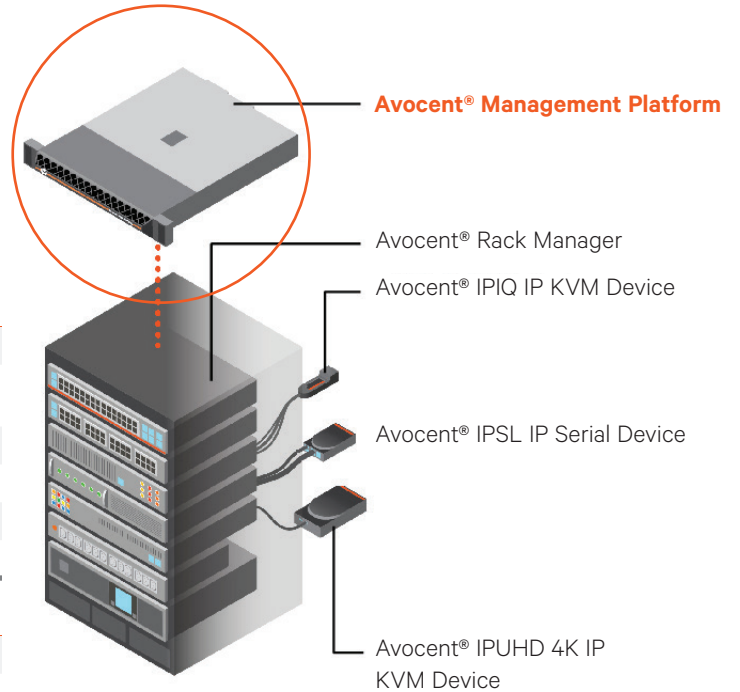
The Avocent MP1000 Management Platform helps you securely manage all your infrastructure, from the enterprise to the edge. Use it to:

Manage distributed IT infrastructures: Accelerate your path to the hybrid cloud by managing, controlling, and scaling all your IT resources safely. Set up the right model for your business, including on-premises infrastructure, private and public clouds, and edge computing sites, without compromising performance.

- **Enable remote management:** Manage large-scale infrastructures with small teams remotely and securely. Control access to vital IT operations. Use service processors or keyboard video and mouse (KVM) over IP modules to access and control servers, sensors, virtual machine (VM) sessions and more.

- **Provide secure and auditable access:** Safeguard access to all the devices you manage. Authorize IT operators to perform specific operations. Enable secure KVM and serial sessions and review detailed user audit histories.

- **Automate processes:** Streamline operations and increase team productivity with automation. Use a rich set of RESTful APIs and software development kits (SDKs) to securely automate deployment and configuration changes to IT equipment.

- **Virtualize:** Take advantage of the software version of the Avocent MP1000 Management Platform by eliminating physical hardware costs and make it easy to deploy in your existing virtual infrastructure. The Vertiv™ Management Platform Virtual Appliance is designed for secure remote management and handles all Edge computing needs

- **Eliminate upgrade downtime:** Many management platforms require downtime for upgrades, increasing risk. The Vertiv™ Avocent® MP1000 Management Platform containerizes upgrades to minimize downtime. You'll have better business continuity as a result.

- **Future-proof your approach:** Rest assured that our cloud-native architecture, which is based on open standards, will grow with you and your business needs. Use our APIs to automate the deployment of your infrastructure. Utilize the Redfish standard to bring consistency to service processor management, reducing complexity.

Ordering Details	Description
ADX-MP1000DAC-400	Avocent® DSView™ Management Platform
ADX-MP1000VA	Avocent® DSView™ Management Platform Virtual Appliance
ADX-RM1048PDAC-400	Avocent® Rack Manager, 48 PoE Ports*
ADX-IPUHD-400	Avocent® IPUHD 4K IP device
ADX-IPIQ-400	Avocent® IPIQ IP KVM device
ADX-IPSL104-400	Avocent® IPSL Serial IP Device

Accessories	Description
ADX-DP-400 Avocent®	4K Display Port IP KVM Adapter
ADX-HDMI-400	Avocent® 4K HDMI Adapter
ADX-MINIDP-400	Avocent® 4K Mini Display Port Adapter
ADX-IPPS	Avocent® Power Supply
ADX-RMK-106	Avocent® 4K 1U Rack Mount Kit
ADX-RMK-107	Avocent® 4K Vertical, 21U Gate

*The Vertiv™ Avocent® MP1000 Management Platform is not required in all situations. Typically used for site aggregation.

Vertiv™ Avocent® DSView™ Solution

Avocent® Management Platform

Avocent® Rack Manager

Avocent® IPIQ IP KVM Device

Avocent® IPSL IP Serial Device

Avocent® IPUHD 4K IP KVM Device

Feature	Technical Specification	
Ports	Networking Options: 2 x 1GbE	
	Rear ports: 2 x USB 3.0, VGA, serial connector	
Power supplies	Dual 350W (Platinum) or 550W (Platinum) hot-plug redundant power supplies	
Dimensions	Form factor: Rack (1U)	
	W x D x H	17.08 in x 18.98 in x 1.68 in
	Weight	(434 mm x 482 mm x 42.8 mm)
Security		Secure Boot
Environmental	Storage Temp Operating Temp	-40 to -65° C (-40 to -149° F) 10 - 35° C (50-95° F)
	Storage Humidity Operating Humidity	5-95% Relative Humidity with 33° C (91° F) max dew point
		10-80% Relative Humidity with 29° C (84.2° F) max dew point
Warranty	Standard Limited	2 Years
Maintenance (Options)	Silver and Gold	1, 2 or 4 Years

Standards
EMI:
EN55032 Class A
EN55024
EN55035
EN61000-3-2
EN61000-3-3
FCC Part 15, Subpart B Class A
VCCI Class A
CCC
BSMI 13438
Safety
CB
UL
CCC
BSMI 14336-1
RoHS-2.0 Compliant

Vertiv.com | **Vertiv Headquarters,** 505 N Cleveland Ave, Westerville, OH 43082, USA