APEX

SOLUTION BRIEF

Dell APEX Private Cloud

Easily start your cloud journey or extend to the edge

Dell APEX Private Cloud delivers an on-premises cloud experience for VMware workloads in the data center and edge locations with scalable compute, storage, and networking resources. With a small footprint, APEX Private Cloud is ideal for getting started with a cloud model or expanding out to edge environments with limited space and resources. Start small and easily scale as your business needs grow, while having the ability to independently scale compute and storage with a compute-only option (no vSAN) for workloads with unique requirements.

APEX Private Cloud offers predictable monthly pricing available through 1- to 5-year term subscriptions—where hardware, software, and services to support deployment, rack integration, and asset recovery are included. Subscribe to nodes designed for your workloads through the Dell APEX Console and get your cloud infrastructure delivered and deployed to your data center or edge environments in as few as 28 days¹. Enjoy simplified operations and built-in lifecycle automation capabilities with infrastructure owned and deployed by Dell.

Compute (vSphere)

Storage (vSAN optional)



Dell VxRail

Joint engineering between
Dell and VMware leads to
a seamless, curated, and
optimized hyperconverged
experience.

Let Dell help you manage your infrastructure

Management model	What Dell does
Customer or partner managed; Dell ownedMonthly subscription with flexible terms	Proactive hardware monitoringTroubleshooting/break-fix at customer site
Single point of contact from order to decommission with a Customer Success Manager	Twice-a-year system maintenanceMonthly business reviewsDeploy and decommission



Simplify your IT experience

Easily build the cloud of your choice with tailored solutions in just a few clicks



Rapidly respond to changing business needs

Meet your business and application needs with a flexible cloud solution



Be in complete control of your cloud strategy

Protect your organization and maintain control across cloud environments



Management is simple with the Dell APEX Console

The APEX Console is your centralized platform for managing and orchestrating your multicloud journey.

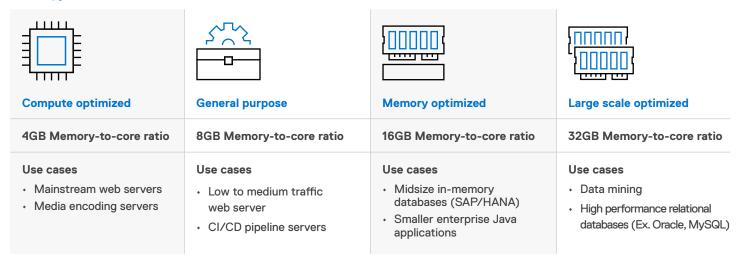
- · Choose service options based on the performance that best supports your desired outcomes
- · Gain visibility over your cloud costs with proactive monitoring tools
- · Empower your key stakeholders with role-based, personalized access

^{1.} Deployment time is measured between order acceptance and activation. The 28-day deployment applies to single rack deployments of select Dell APEX Private Cloud pre-configured solutions and does not include customizations to the standard configuration or partner deployment. Deployment is subject to credit approval, acceptance of Dell APEX terms by required parties, deployment survey, availability of resources at the deployment facility, and a completed configuration workbook before order placement. Product availability, international holidays, and other factors can impact deployment. Time-to-value objectives and regional offer availability varies per region. Contact your sales representative for details.

Meet your enterprise workload needs with purpose-built node types

With APEX Private Cloud, it's easy to make the right choice to achieve your business outcomes. Nodes deliver standardized combinations of compute, memory, storage, and networking resources, on which a virtual machine or container can run. They are aligned and optimized to your workload requirements, ranging from small (4GB) to extra-large (32GB) memory-to-CPU core ratios. Additionally, you have the option to select a Graphics Processing Unit (GPU) from NVIDIA™ to address workloads including Virtual Desktop Infrastructure (VDI), mainstream compute workloads, video streaming, and Artificial Intelligence (AI) training and inference.

Node types and details



Optional GPU types and details

Use cases • VDI density optimized	Use cases General compute Al inference optimized	Use casesVDI performance optimizedVideo encoding/decodingAl training and inference
Model NVIDIA A16 (or similar)	Model NVIDIA A30 (or similar)	Model NVIDIA A40 (or similar)

How our customers are using Dell APEX Private Cloud

» Montage Health saves \$298,000 yearly from productivity gains on VDI deployment

A healthcare organization that delivers extraordinary care to a half million individuals annually improved patient experiences by providing clinicians better access to critical applications with Dell APEX Private Cloud. Montage Health relies on an extensive VDI environment, with terminals on each clinical floor to provide the applications and information required for patient care and staff collaboration. By deploying VDI on Dell APEX Private Cloud, the organization was able to reduce latency significantly and deliver business results that include:



Faster responses in critical patient care situations



Reduced VDI login times for clinicians by up to 11.66 hours per day



Delivered nearly \$300,000 annually in productivity benefits



Eliminated capital expenses with predictable OpEx costs based on usage

Dell APEX supports your entire cloud journey

Delivering infrastructure designed to support you wherever you are in your cloud journey. Dell APEX offers multiple options that enable you to choose the best infrastructure aligning to your organization's IT strategy. Easily start small and scale up in a phased approach that matches your application needs.

	Dell APEX Compute	Dell APEX Private Cloud	Dell APEX Hybrid Cloud for VMware		
Management model	Customer managed; Dell owned infrastructure				
Dell provides	Asset-level hardware and software support with 24/7 break-fix assistance and parts replacement				
APEX Compute/HCI	Bare metal compute resources supporting your choice of operating system or hypervisor for virtualized or container-based environments	Start small and scale up with infrastructure for VMware workloads at your data center and edge locations	Delivering a consistent and secure cloud experience for VMware workloads across multicloud environments		
	Donlay the operating system		VRealize Suite² App Migration (HCX)² SDDC Manager Compute (vSphere) Storage (vSAN)		
	Deploy the operating system or hypervisor of your choice		Compute (vSphere)		
		Compute (vSphere)	Storage (vSAN)		
		Storage (vSAN optional)	Networking (NSX-T)		
	Dell PowerEdge	Dell VxRail	Dell VxRail		

2. Included in VMware Cloud Foundation Enterprise only





