

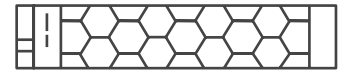
Dell APEX Compute

Subscribe to scalable and secure bare metal compute resources

Get on-premises bare metal compute supporting your choice of operating system or hypervisor for virtualized or container-based environments. Available through a predictable, monthly subscription with 3- to 5-year terms and simple order configuration through the Dell APEX Console.

Deployed to your on-premises data center and edge locations, or to your preferred colocation partner in as few as 28 days¹, you can quickly get compute resources for your demanding workloads such as Virtual Desktop Infrastructure (VDI), high-density virtualization, big data analytics, or Artificial Intelligence (AI)/Machine Learning (ML). Designed for OpEx treatment², you can subscribe to only what you need and scale when your business requires it, removing the challenges of infrastructure ownership and up-front budgeting.

Deploy the operating system or hypervisor of your choice

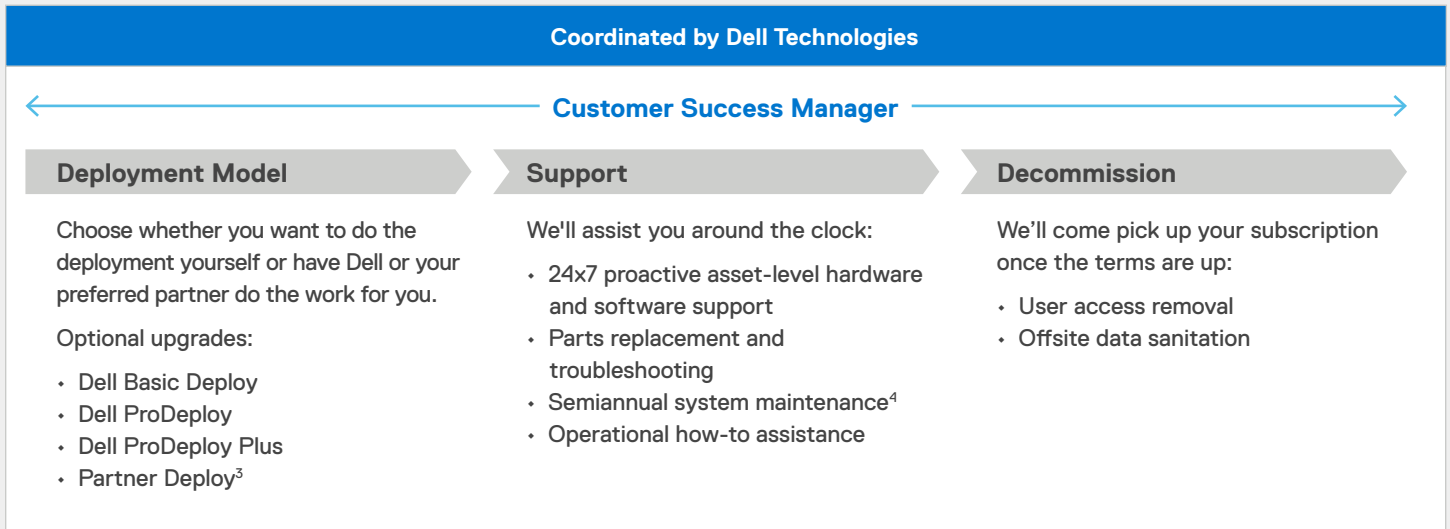


Powered by Dell PowerEdge

Get a worry-free APEX experience with a trusted advisor

Dell APEX Compute is designed to empower you with ownership of tasks such as monitoring capacity utilization, infrastructure management, and resource optimization—giving you more control. Dell owns the infrastructure and is responsible for support and asset removal at the end of the subscription.

The Customer Success Manager is your trusted advisor and primary point of contact starting on day 1.



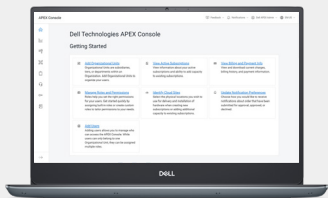
1. Deployment time is measured between order acceptance and deployment for Dell-deployed orders. For customer-deployed orders, deployment time is measured between order acceptance and order delivery. The 28-day deployment applies to select APEX Compute pre-configured solutions and does not include customizations to the standard configuration, partner deployment, or any add-on services that may require additional time beyond the Dell Basic, ProDeploy, or ProDeploy Plus deployment times.

Deployment is subject to credit approval, acceptance of APEX terms by required parties, deployment survey, availability of resources at the deployment facility, and project scope verification 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.

2. OpEx treatment is subject to customer's accounting policies and practices

3. Only certified partners. Partner competency validation required

4. Customer is responsible for initiating semiannual system maintenance



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

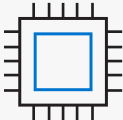
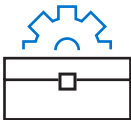
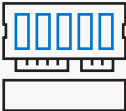
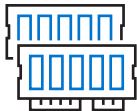
Meet your workload needs with purpose-built node types

With APEX Compute, it's easy to make the right choice to achieve your business priorities. Nodes deliver standardized combinations of compute and memory resources, powered by Dell PowerEdge and optimized for your workload requirements. You can also select optional Graphics Processing Units (GPU) from NVIDIA™ for AI, ML, or Virtual Desktop Infrastructure (VDI) workloads.

APEX Compute CPU options are based on the latest 3rd Generation Intel® Xeon® Processors. The processor base and core turbo frequencies depend on the node type, cores per node, processors per node, and compute performance tier chosen. Each physical CPU core supports hyper-threading, enabling two virtual CPUs (vCPUs) per physical core.

When configuring APEX Compute nodes, you also have a variety of options for storage controllers, storage capacities, and additional connectivity, such as ethernet, fiber channel, and InfiniBand. These options allow you to tailor the solution to meet your business needs.





Node types and details

 Compute optimized	 General purpose	 Memory optimized	 Large scale optimized
4GB Memory-to-core ratio	8GB Memory-to-core ratio	16GB Memory-to-core ratio	32GB Memory-to-core ratio
Use cases <ul style="list-style-type: none"> • Mainstream web servers • Media encoding servers 	Use cases <ul style="list-style-type: none"> • Low to medium traffic web server • CI/CD pipeline servers 	Use cases <ul style="list-style-type: none"> • Midsize in-memory databases (SAP/HANA) • Smaller enterprise Java applications 	Use cases <ul style="list-style-type: none"> • Data mining • High performance relational databases (Ex. Oracle, MySQL)

NVIDIA Graphical Processing Units (GPUs)

NVIDIA A16 (or similar)	NVIDIA A30 (or similar)	NVIDIA A40 (or similar)	NVIDIA 100 (or similar)
Built on NVIDIA Ampere architecture, providing double the user density compared to previous generation	Includes Multi-Instance GPU (MIG) to partition the GPU, allowing each fully isolated GPU instance with its own high-bandwidth memory, cache, and compute cores	Built on NVIDIA Ampere architecture and PCIe Generation 4 (64 GB/s) to double the bandwidth of previous PCIe Generation 3	Includes 80 GB HBM2e memory, PCIe Generation 4 connectivity, and a power envelope of 300W. This card allows for Multi-Instance GPU (MIG).
Use cases Designed for performance user density with VDI workloads	Use cases Mainstream enterprise graphics workload GPU and AI inference	Use cases Supports high performance graphics and rendering, including workloads like media streaming	Use cases Designed for high performance computing, large AI training and inference, and big data analytics

Node specifications

Node type	 Compute optimized (4GB memory/CPU core)		 Memory optimized (16GB memory/CPU core)	
	 General purpose (8GB memory/CPU core)		 Large scale optimized (32GB memory/CPU core)	
Cores per node option⁵	8, 16, 32, 64			
Processor per node option⁶	1, 2			
Compute performance tier	Value	Balanced	Performance optimized	
Processor level	E 2378 Silver 4309Y Silver 4314 Gold 6338	E 2378G Gold 5315Y Gold 6314U Gold 6326 Gold 8352Y	E 2388G Gold 6334 Gold 6346 Platinum 8358	
Processor frequency⁷ (base/all core turbo)	2-2.8Ghz	2.2-3.2Ghz	2.6-3.6Ghz	
Capacity storage (per node)	4TB RI SATA, 11.5TB RI SATA, 23TB RI SATA, 46TB RI vSAS, 61TB RI vSAS			
Storage controller options	None, HBA disk controller, hardware RAID controller			
Boot optimized storage solution	BOSS card with 2x480 GB SSDs (RAID 1)			
Network interfaces (dual port NIC)	25 GbE SFP28 10 GbE SFP+ 10GbE Base-T			
Additional connectivity options	Fiber channel, Ethernet, InfiniBand			
Min node quantity	10 nodes for 8 and 16 core per node configurations 5 nodes when selecting 32 and 64 core per node configurations, with or without optional GPU selections			
Max node quantity	100 nodes per subscription			

Installed in your own rack

You provide:



Rack enclosure



Top-of-rack switches



Data cables



PDUs

Optional upgrades for deployment services:

- Dell Basic Deploy consists of hardware installation during normal standard business hours
- Dell ProDeploy consists of hardware installation and configuration of software using offshore resources
- Dell ProDeploy Plus: Dell-owned servers are delivered and configured onsite and include rack integration, onsite implementation, and networking integration



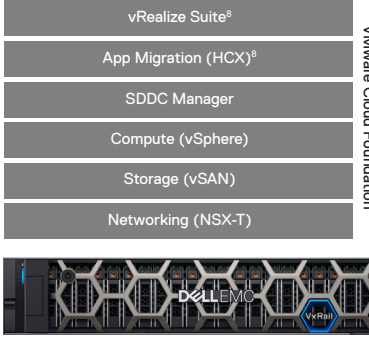
5. Compute Optimized nodes only have 32, 64 cores per node option

6. Selection of GPU usage and cores per node determines the processor per node options for a given configuration

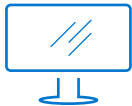
7. The processor base and core turbo frequencies depend on the node type, cores per node, processors per host, and compute performance tier chosen.

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	<p>Bare metal compute resources supporting your choice of operating system or hypervisor for virtualized or container-based environments</p> <p>Deploy the operating system or hypervisor of your choice</p>  <p>Dell PowerEdge</p>	<p>Start small and scale up with infrastructure for VMware workloads at your data center and edge locations</p>  <p>Dell VxRail</p>	<p>Delivering a consistent and secure cloud experience for VMware workloads across multicloud environments</p>  <p>Dell VxRail</p>

8. Included in VMware Cloud Foundation Enterprise only



Learn more about
Dell APEX

dell.com/apex



Contact a Dell
Technologies Expert

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