



Frontline
IT Consultancy

G-Cloud Microsoft Azure Pricing



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G-Cloud - Microsoft Azure Pricing

Billing Basis

Consumption shall be billed on an hourly basis.

Pricing Disclaimer

All prices provided are indicative estimates and do not constitute binding quotations. Actual charges may vary depending on:

- The contractual agreement entered with Microsoft
- The date of purchase
- Applicable currency exchange rates

Currency Conversion Methodology

Prices are calculated in United States dollars and converted to local currency using the London closing spot rate captured during the two business days preceding the final business day of the prior calendar month.

In the event that either of these two business days falls on a recognised bank holiday in major markets, the applicable rate shall be determined based on the business day immediately preceding those two days.

The determined exchange rate shall apply to all transactions for the forthcoming month.

Microsoft Azure Virtual Machine (VM) Sizes

Microsoft Azure Virtual Machine sizes are structured to offer a comprehensive range of configurations for hosting workloads within the cloud environment. These sizes are organised into distinct families and types, each optimised for specific operational requirements.

The table provides a comparison of the main Azure virtual machine categories, highlighting their optimization focus, CPU-to-memory ratios, and typical use cases.

Category	Series	Optimised For	CPU-to-Memory Ratio	Typical Use Cases
General Purpose	D-series	Balanced CPU, memory, and storage	1:4	Web servers, small/medium databases, development/testing
Compute Optimised	F-series	High CPU performance, lower memory	1:2	Gaming servers, batch processing, analytics
Memory Optimised	E-series M-Series	Large memory for in-memory workloads	1:8	SAP HANA, large databases, in-memory caching
Storage Optimised	L-series	High disk throughput and IOPS	1:8	Big data, NoSQL databases, data warehousing
GPU	NC/ND/NV-series	GPU acceleration for compute or visualisation	Varies	AI/ML training, rendering, graphics-intensive workloads

Frontline Approach to Selecting Microsoft Azure Virtual Machine Sizes

Frontline adopts a consultative methodology aligned with G-Cloud principles to ensure that buying organisations receive the most appropriate Microsoft Azure Virtual Machine (VM)

configuration for their needs. Our approach focuses on **performance, cost efficiency, and security**, delivering a solution that is transparent, auditable, and tailored to the client's operational objectives.

Discovery and Requirements Analysis

We work collaboratively with the buying organisation to understand:

- Workload Characteristics: CPU, memory, storage, and network utilisation.
- Performance Objectives: Application responsiveness and scalability requirements.
- Security and Compliance Needs: Alignment with organisational policies and regulatory standards.

Optimisation and Cost Transparency

Using this data, Frontline evaluates Azure's VM families and pricing models to recommend the best fit. This includes:

- Performance Matching: Selecting VM types (e.g., compute-optimised, memory-optimised) based on workload profiles.
- Cost Efficiency: Leveraging reserved instances, autoscaling, and savings plans where appropriate. PLEASE NOTE ALL PRICES QUOTED IN THIS DOCUMENT ARE BASED ON THE MICROSOFT PAY AS YOU GO (PAYGO) MODEL.

Outcome

The result is a bespoke Azure design, documented and agreed before implementation, that maximises ROI, delivers consistent performance, and maintains robust security. This consultative process ensures full transparency and compliance with G-Cloud requirements, giving buying organisations confidence in both technical and commercial outcomes.

Cost Optimisation Options

All prices in this document are based on PAYG (Pay as you go), However Microsoft offers cost-saving options through Reservations and Savings Plans to help organisations optimise cloud spend. Reservations provide up to 72% discounts for one or three-year commitments on resources like virtual machines and databases, ideal for predictable workloads. Savings Plans offer up to 65% off by committing to a consistent hourly spend over one or three years, regardless of services used, perfect for variable workloads. Both options reduce costs while maintaining flexibility and performance.

General Purpose Virtual Machines

All virtual machine pricing is priced with a Windows OS. Prices may vary depending on Operating System requirements.

B-Series Virtual Machines

The 'B' family of VM size series are one of Azure's general purpose VM instances. While traditional Azure virtual machines provide fixed CPU performance, B-series virtual machines are the only VM type that use credits for CPU performance provisioning. B-series VMs utilize a CPU credit model to track how much CPU is consumed - the virtual machine accumulates CPU credits when a workload is operating below the base CPU performance threshold and uses credits when running above the base CPU performance threshold until all its credits are

consumed. Upon consuming all the CPU credits, a B-series virtual machine is throttled back to its base CPU performance until it accumulates the credits to CPU burst again.

Bsv2-series

Bsv2-series virtual machines run on Intel® Xeon® Platinum 8473C (Sapphire Rapids), or Intel® Xeon® Platinum 8370C (Ice Lake) processor in a hyper threaded configuration, providing low-cost CPU burstable general purpose virtual machines. Bsv2-series virtual machines utilize a CPU credit model to track how much CPU is consumed. The virtual machine accumulates CPU credits when a workload is operating below the base CPU performance threshold and, uses credits when running above the base CPU performance threshold until all its credits are consumed. Upon consuming all the CPU credits, a Bsv2-series virtual machine is throttled back to its base CPU performance until it accumulates the credits to CPU burst again. You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
B2ts v2	2	1 GiB	0 GiB	£11.3568/month
B2ls v2	2	4 GiB	0 GiB	£30.5012/month
B2s v2	2	8 GiB	0 GiB	£56.2433/month
B4ls v2	4	8 GiB	0 GiB	£100.5890/month
B4s v2	4	16 GiB	0 GiB	£111.9458/month
B8ls v2	8	16 GiB	0 GiB	£200.6371/month
B8s v2	8	32 GiB	0 GiB	£223.8915/month
B16ls v2	16	32 GiB	0 GiB	£401.2742/month
B16s v2	16	64 GiB	0 GiB	£448.3239/month
B32ls v2	32	64 GiB	0 GiB	£803.0892/month
B32s v2	32	128 GiB	0 GiB	£896.6478/month

Bas v2-series

The Bas v2 VM series are the latest economical virtual machines that provide a low-cost option for workloads that typically run at a low to moderate baseline CPU utilisation but sometimes need to burst to significantly higher CPU utilisation when the demand rises. These workloads don't require the use of the full CPU all the time but occasionally will need to burst to finish some tasks more quickly. Many applications such as development and test servers, low traffic web servers, small databases, micro services, servers for proof-of-concepts, build servers, and code repositories fit into this model.

This VM series runs on the 3rd Generation AMD EPYC™ 7763v processor in a multi-threaded configuration.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
B2ats v2	2	1 GiB	0 GiB	£10.7079/month
B2als v2	2	4 GiB	0 GiB	£27.9594/month
B2as v2	2	8 GiB	0 GiB	£50.9434/month
B4als v2	4	8 GiB	0 GiB	£91.3953/month
B4as v2	4	16 GiB	0 GiB	£101.6706/month
B8als v2	8	16 GiB	0 GiB	£182.7907/month
B8as v2	8	32 GiB	0 GiB	£203.8819/month
B16als v2	16	32 GiB	0 GiB	£365.5814/month
B16as v2	16	64 GiB	0 GiB	£407.7638/month
B32als v2	32	64 GiB	0 GiB	£730.6219/month
B32as v2	32	128 GiB	0 GiB	£814.9869/month

D-Series Virtual Machines

Azure D-series virtual machines are designed for general-purpose workloads that require a balanced combination of CPU, memory, and temporary storage. They are ideal for applications such as development and testing environments, small to medium databases, and web servers. D-series VMs use premium storage for better performance and offer a range of sizes to suit different needs, making them a versatile choice for businesses seeking cost-effective and scalable solutions in the cloud.

Das v7-series (latest generation)

The Das v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

The Das v7 VM sizes offer a combination of vCPUs and memory able to meet the requirements associated with most production workloads. The Das v7 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2as v7	2	8 GiB	0 GiB	£107.0786/month
D4as v7	4	16 GiB	0 GiB	£213.6163/month
D8as v7	8	32 GiB	0 GiB	£427.2327/month
D16as v7	16	64 GiB	0 GiB	£855.0061/month
D32as v7	32	128 GiB	0 GiB	£1,710.0122/month
D48as v7	48	192 GiB	0 GiB	£2,564.4775/month
D64as v7	64	256 GiB	0 GiB	£3,419.4836/month
D96as v7	96	384 GiB	0 GiB	£5,129.4959/month
D128as v7	128	512 GiB	0 GiB	£6,838.9673/month

Dads v7-series (latest generation with local temporary storage)

The Dads v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor. The Dads v7 VM sizes offer a combination of vCPUs and memory able to meet the requirements associated with most production workloads.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2ads v7	2	8 GiB	110 GiB	£121.6802/month
D4ads v7	4	16 GiB	220 GiB	£242.8196/month
D8ads v7	8	32 GiB	440 GiB	£485.6391/month
D16ads v7	16	64 GiB	880 GiB	£971.8191/month
D32ads v7	32	128 GiB	1,760 GiB	£1,943.6382/month
D48ads v7	48	192 GiB	2,640 GiB	£2,914.9165/month
D64ads v7	64	256 GiB	3,520 GiB	£3,886.7356/month
D96ads v7	96	384 GiB	5,280 GiB	£5,830.3737/month
D128ads v7	128	512 GiB	7,040 GiB	£7,773.4711/month

Dals v7-series (latest generation)

The Dals v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 2GiBs RAM per vCPU and are optimised for workloads that require less RAM per vCPU than standard VM sizes such as small-to-medium databases, low-to-medium traffic web servers, virtual desktops, application servers, batch processing, analytics and more. These VM sizes are optimal for reducing costs of running non-memory-intensive applications.

The Dals v7 virtual machine sizes do not have any temporary storage thus lowering the price of entry. You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs.

You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2als v7	2	4 GiB	0 GiB	£100.0482/month
D4als v7	4	8 GiB	0 GiB	£200.6371/month
D8als v7	8	16 GiB	0 GiB	£401.2742/month
D16als v7	16	32 GiB	0 GiB	£802.0076/month
D32als v7	32	64 GiB	0 GiB	£1,604.0153/month
D48als v7	48	96 GiB	0 GiB	£2,406.5637/month
D64als v7	64	128 GiB	0 GiB	£3,208.5713/month
D96als v7	96	192 GiB	0 GiB	£4,812.5866/month
D128als v7	128	256 GiB	0 GiB	£6,417.1426/month

DalDs v7-series (latest generation with local temporary storage)

The DalDs v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 2GiBs RAM per vCPU and are optimised for workloads that require less RAM per vCPU than standard VM sizes such as small-to-medium databases, low-to-medium traffic web servers, virtual desktops, application servers, batch processing, analytics and more. These VM sizes are optimal for reducing costs of running non-memory-intensive applications.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2alDs v7	2	4 GiB	110 GiB	£109.7826/month
D4alDs v7	4	8 GiB	220 GiB	£219.5651/month
D8alDs v7	8	16 GiB	440 GiB	£438.5895/month
D16alDs v7	16	32 GiB	880 GiB	£877.1789/month
D32alDs v7	32	64 GiB	1,760 GiB	£1,754.8987/month
D48alDs v7	48	96 GiB	2,640 GiB	£2,632.0776/month
D64alDs v7	64	128 GiB	3,520 GiB	£3,509.7974/month
D96alDs v7	96	192 GiB	5,280 GiB	£5,264.1553/month
D128alDs v7	128	512 GiB	7,040 GiB	£7,019.0540/month

Ds v6-series (latest generation)

The Ds v6-series virtual machines are based on the 5th Gen Intel® Xeon® Platinum 8573C (Emerald Rapids) processor. The Ds v6 VM sizes offer a combination of vCPUs and memory able to meet the requirements associated with most production workloads.

The Ds v6 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2s v6	2	8 GiB	0 GiB	£113.0274/month
D4s v6	4	16 GiB	0 GiB	£225.5139/month
D8s v6	8	32 GiB	0 GiB	£451.0279/month
D16s v6	16	64 GiB	0 GiB	£902.0558/month
D32s v6	32	128 GiB	0 GiB	£1,804.6524/month
D48s v6	48	192 GiB	0 GiB	£2,706.7082/month
D64s v6	64	256 GiB	0 GiB	£3,609.3047/month

D96s v6	96	384 GiB	0 GiB	£5,413.9571/month
D128s v6	128	512 GiB	0 GiB	£7,218.6095/month
D192s v6	192	768 GiB	0 GiB	£10,827.9142/month

Dds v6-series (latest generation with local temporary storage)

The Dds v6-series virtual machines are based on the 5th Gen Intel® Xeon® Platinum 8573C (Emerald Rapids) processor. The Dds v6 VM sizes offer a combination of vCPUs and memory able to meet the requirements associated with most production workloads.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2ds v6	2	8 GiB	110 GiB	£127.6290/month
D4ds v6	4	16 GiB	220 GiB	£255.2580/month
D8ds v6	8	32 GiB	440 GiB	£510.5160/month
D16ds v6	16	64 GiB	880 GiB	£1,021.0320/month
D32ds v6	32	128 GiB	1,760 GiB	£2,042.6047/month
D48ds v6	48	192 GiB	2,640 GiB	£3,063.6367/month
D64ds v6	64	256 GiB	3,520 GiB	£4,085.2095/month
D96ds v6	96	384 GiB	5,280 GiB	£6,127.8142/month
D128ds v6	128	512 GiB	7,040 GiB	£8,170.4189/month

Dls v6-series (latest generation with local temporary storage)

The Dls v6-series virtual machines are based on the 5th Gen Intel® Xeon® Platinum 8573C (Emerald Rapids) a processor.

These VM sizes provide 2GiBs RAM per vCPU and are optimised for workloads that require less RAM per vCPU than standard VM sizes such as small-to-medium databases, low-to-medium traffic web servers, virtual desktops, application servers, batch processing, analytics and more. These VM sizes are optimal for reducing costs of running non-memory-intensive applications.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
D2ls v6	2	4 GiB	0 GiB	£107.0786/month
D4ls v6	4	8 GiB	0 GiB	£214.1571/month
D8ls v6	8	16 GiB	0 GiB	£428.3143/month
D16ls v6	16	32 GiB	0 GiB	£856.6285/month
D32ls v6	32	64 GiB	0 GiB	£1,713.7978/month
D48ls v6	48	96 GiB	0 GiB	£2,570.4263/month
D64ls v6	64	128 GiB	0 GiB	£3,427.5957/month
D96ls v6	96	192 GiB	0 GiB	£5,141.3935/month
D128ls v6	128	256 GiB	0 GiB	£6,855.1913/month

Compute Optimised Virtual Machines

All virtual machine pricing is priced with a Windows OS. Prices may vary depending on Operating System requirements.

F-Series Virtual Machines

Azure F-series virtual machines are optimised for compute-intensive workloads that require high CPU performance but do not need large amounts of memory or storage. They are ideal for scenarios such as batch processing, analytics, gaming servers, and web applications that rely heavily on raw compute power. F-series VMs offer a higher CPU-to-memory ratio compared to other series, making them a cost-effective choice for workloads where processing speed is the priority.

Fas v7-series (latest generation)

The Fas v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These virtual machines provide 4GiB of RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

The Fas v7 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1as v7	1	4 GiB	0 GiB	£67.6001/month
F2as v7	2	8 GiB	0 GiB	£135.7410/month
F4as v7	4	16 GiB	0 GiB	£271.4820/month
F8as v7	8	32 GiB	0 GiB	£542.4232/month
F16as v7	16	64 GiB	0 GiB	£1,084.8465/month
F32as v7	32	128 GiB	0 GiB	£2,170.2337/month
F48as v7	48	192 GiB	0 GiB	£3,255.0802/month
F64as v7	64	256 GiB	0 GiB	£4,340.4675/month
F80as v7	80	320 GiB	0 GiB	£5,425.3139/month

Fads v7-series (latest generation with local temporary storage)

The Fads v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor. These virtual machines provide 4GiB of RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1ads v7	1	4 GiB	110 GiB	£78.9569/month
F2ads v7	2	8 GiB	220 GiB	£157.3730/month
F4ads v7	4	16 GiB	440 GiB	£315.2869/month
F8ads v7	8	32 GiB	880 GiB	£630.0330/month
F16ads v7	16	64 GiB	1,760 GiB	£1,260.6067/month
F32ads v7	32	128 GiB	3,520 GiB	£2,521.2135/month
F48ads v7	48	192 GiB	5,280 GiB	£3,781.8202/month
F64ads v7	64	256 GiB	7,040 GiB	£5,042.4269/month
F80ads v7	80	320 GiB	8,800 GiB	£6,303.0337/month

Falds v7-series (latest generation with local temporary storage)

The Falds v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor. These virtual machines provide 2GiB of RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1alds v7	1	2 GiB	110 GiB	£69.7633/month
F2alds v7	2	4 GiB	220 GiB	£139.5266/month
F4alds v7	4	8 GiB	440 GiB	£279.5940/month
F8alds v7	8	16 GiB	880 GiB	£558.6473/month
F16alds v7	16	32 GiB	1,760 GiB	£1,117.2945/month
F32alds v7	32	64 GiB	3,520 GiB	£2,234.5890/month
F48alds v7	48	96 GiB	5,280 GiB	£3,352.4243/month
F64alds v7	64	128 GiB	7,040 GiB	£4,469.7189/month
F80alds v7	80	160 GiB	8,800 GiB	£5,587.0134/month

Fals v7-series (latest generation)

The Fals v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 2GiBs RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

The Fals v7 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1als v7	1	2 GiB	0 GiB	£62.7329/month
F2als v7	2	4 GiB	0 GiB	£126.0066/month
F4als v7	4	8 GiB	0 GiB	£251.4724/month
F8als v7	8	16 GiB	0 GiB	£502.9448/month
F16als v7	16	32 GiB	0 GiB	£1,006.4303/month
F32als v7	32	64 GiB	0 GiB	£2,012.8607/month
F48als v7	48	96 GiB	0 GiB	£3,018.7502/month
F64als v7	64	128 GiB	0 GiB	£4,025.1806/month
F80als v7	80	160 GiB	0 GiB	£5,031.6109/month

Famds v7-series (latest generation)

The Famds v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 8GiBs RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1amds v7	1	8 GiB	110 GiB	£93.5585/month
F2amds v7	2	16 GiB	220 GiB	£186.5763/month
F4amds v7	4	32 GiB	440 GiB	£373.6934/month
F8amds v7	8	64 GiB	880 GiB	£746.8459/month
F16amds v7	16	128 GiB	1,760 GiB	£1,494.2327/month
F32amds v7	32	256 GiB	3,520 GiB	£2,988.4654/month
F48amds v7	48	384 GiB	5,280 GiB	£4,482.6981/month
F64amds v7	64	512 GiB	7,040 GiB	£5,976.9308/month
F80amds v7	80	640 GiB	8,000 GiB	£7,471.1635/month

Fams v7-series (latest generation)

The Fams v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 8GiBs RAM per vCPU and are optimised for scientific simulations, financial and risk analysis, gaming, rendering and other workloads able to take advantage of the exceptional performance.

These virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
F1ams v7	1	8 GiB	0 GiB	£81.1201/month
F2ams v7	2	16 GiB	0 GiB	£162.2402/month
F4ams v7	4	32 GiB	0 GiB	£324.4805/month
F8ams v7	8	64 GiB	0 GiB	£648.9610/month
F16ams v7	16	128 GiB	0 GiB	£1,297.9220/month
F32ams v7	32	256 GiB	0 GiB	£2,595.8440/month
F48ams v7	48	384 GiB	0 GiB	£3,893.7660/month
F64ams v7	64	512 GiB	0 GiB	£5,191.6880/month
F80ams v7	80	640 GiB	0 GiB	£6,489.6100/month

FXmsv2 (latest generation)

The FXmsv2 virtual machines are powered by the 5th Generation Intel® Xeon® Platinum 8573C (Emerald Rapids) processor in a hyper threaded configuration. This VM series is ideal for workloads that require a high CPU clock speed and high memory to CPU ratio, and

applications requiring a high single-core performance, high IOPS and throughput, such as electronic design automation (EDA) workloads.

The FXmsv2 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
FX2ms v2	2	42 GiB	0 GiB	£200.6371/month
FX4ms v2	4	84 GiB	0 GiB	£401.2742/month
FX8ms v2	8	168 GiB	0 GiB	£802.5484/month
FX12ms v2	12	252 GiB	0 GiB	£1,203.8226/month
FX16ms v2	16	336 GiB	0 GiB	£1,604.5561/month
FX24ms v2	24	504 GiB	0 GiB	£2,407.1045/month
FX32ms v2	32	672 GiB	0 GiB	£3,209.6529/month
FX48ms v2	48	1,008 GiB	0 GiB	£4,814.2090/month
FX64ms v2	64	1,344 GiB	0 GiB	£6,419.3058/month
FX96ms v2	96	1,832 GiB	0 GiB	£9,628.9588/month

FXmdsv2 (latest generation with local temporary storage)

The FXmdsv2 virtual machines are powered by the 5th Generation Intel® Xeon® Platinum 8573C (Emerald Rapids) processor in a hyper threaded configuration. This VM series is ideal for workloads that require a high CPU clock speed and high memory to CPU ratio, and applications requiring a high single-core performance, high IOPS and throughput, such as electronic design automation (EDA) workloads.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
FX2mds v2	2	42 GiB	110 GiB	£236.3300/month
FX4mds v2	4	84 GiB	220 GiB	£472.1191/month
FX8mds v2	8	168 GiB	440 GiB	£944.7790/month
FX12mds v2	12	252 GiB	880 GiB	£1,416.8982/month
FX16mds v2	16	336 GiB	880 GiB	£1,889.5581/month
FX24mds v2	24	504 GiB	1,320 GiB	£2,834.3371/month
FX32mds v2	32	672 GiB	1,760 GiB	£3,779.1162/month
FX48mds v2	48	1,008 GiB	2,640 GiB	£5,668.6743/month
FX64mds v2	64	1,344 GiB	3,520 GiB	£7,558.2324/month
FX96mds v2	96	1,832 GiB	5,280 GiB	£11,337.3486/month

Memory Optimised Virtual Machines

All virtual machine pricing is priced with a Windows OS. Prices may vary depending on Operating System requirements.

E-Series Virtual Machines

Memory-optimised virtual machines (E-series) in Azure are designed specifically for workloads that require high memory-to-core ratios, such as large relational databases, in-memory analytics, and SAP HANA. These VMs provide a substantial amount of RAM compared to compute resources, making them ideal for applications that need to process and store large datasets in memory for faster performance.

Eas v7-series (latest generation)

The Eas v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 8GiBs RAM per vCPU and are ideal for memory-intensive enterprise applications, relational database servers, and in-memory analytics workloads.

The Eas v7 virtual machine sizes do not have any temporary storage thus lowering the price of entry.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
E2as v7	2	16 GiB	0 GiB	£124.9250/month
E4as v7	4	32 GiB	0 GiB	£249.3092/month
E8as v7	8	64 GiB	0 GiB	£498.6184/month
E16as v7	16	128 GiB	0 GiB	£997.7775/month
E32as v7	32	256 GiB	0 GiB	£1,995.5551/month
E48as v7	48	384 GiB	0 GiB	£2,992.7918/month
E64as v7	64	512 GiB	0 GiB	£3,990.5693/month
E96as v7	96	768 GiB	0 GiB	£5,986.1244/month
E128as v7	128	1,024 GiB	0 GiB	£7,981.1386/month

Eads v7-series (latest generation with local temporary storage)

The Eads v7-series virtual machines are based on the 5th Generation AMD EPYC™ Turin processor.

These VM sizes provide 8GiBs RAM per vCPU and are ideal for memory-intensive enterprise applications, relational database servers, and in-memory analytics workloads.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
E2ads v7	2	16 GiB	110 GiB	£91.3953/month
E4ads v7	4	32 GiB	220 GiB	£182.7907/month
E8ads v7	8	64 GiB	440 GiB	£365.0406/month
E16ads v7	16	128 GiB	880 GiB	£730.0811/month
E32ads v7	32	256 GiB	1,760 GiB	£1,460.7030/month
E48ads v7	48	384 GiB	2,640 GiB	£2,190.7842/month
E64ads v7	64	512 GiB	3,520 GiB	£2,921.4061/month
E96ads v7	96	768 GiB	5,280 GiB	£4,381.5683/month
E128ads v7	128	1,024 GiB	7,040 GiB	£5,842.2714/month

Es v6-series (latest generation)

The Es v6-series virtual machines are based on the 5th Gen Intel® Xeon® Platinum 8573C (Emerald Rapids) processor.

These VM sizes provide 8GiBs RAM per vCPU and are ideal for memory-intensive enterprise applications, relational database servers, and in-memory analytics workloads.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
E2s v6	2	16 GiB	0 GiB	£133.5778/month
E4s v6	4	32 GiB	0 GiB	£267.6964/month
E8s v6	8	64 GiB	0 GiB	£535.3928/month
E16s v6	16	128 GiB	0 GiB	£1,070.2448/month
E20s v6	20	160 GiB	0 GiB	£1,337.9413/month
E32s v6	32	256 GiB	0 GiB	£2,140.4897/month
E48s v6	48	384 GiB	0 GiB	£3,211.2753/month
E64s v6	64	512 GiB	0 GiB	£4,281.5202/month
E96s v6	96	768 GiB	0 GiB	£6,422.0099/month
E128s v6	128	1,024 GiB	0 GiB	£8,563.0403/month

Eds v6-series (latest generation with local temporary storage)

The Eds v6-series virtual machines are based on the 5th Gen Intel® Xeon® Platinum 8573C (Emerald Rapids) processor.

These VM sizes provide 8GiBs RAM per vCPU and are ideal for memory-intensive enterprise applications, relational database servers, and in-memory analytics workloads.

These VM sizes also include local temporary storage for applications that benefit from low latency, high-speed local storage, such as applications that require fast reads/writes to temp storage or temp storage for caches or temporary files.

You can attach Standard SSDs, Standard HDDs, and Premium SSDs disk storage to these VMs. You can also attach Ultra Disk storage based on its regional availability. Disk storage is billed separately from virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
E2ds v6	2	16 GiB	110 GiB	£153.5874/month
E4ds v6	4	32 GiB	220 GiB	£307.1749/month
E8ds v6	8	64 GiB	440 GiB	£614.3497/month
E16ds v6	16	128 GiB	880 GiB	£1,229.2403/month
E20ds v6	20	160 GiB	1,100 GiB	£1,536.4152/month
E32ds v6	32	256 GiB	1,760 GiB	£2,457.9398/month
E48ds v6	48	384 GiB	2,640 GiB	£3,687.1801/month
E64ds v6	64	512 GiB	3,520 GiB	£4,916.4203/month
E96ds v6	96	768 GiB	5,280 GiB	£7,374.3601/month
E128ds v6	128	1,024 GiB	7,040 GiB	£9,832.2999/month
E192ids v6	192	1,832 GiB	10,560 GiB	£15,745.9570/month

M-Series Virtual Machines

M-series virtual machines in Azure are engineered for extremely large, memory-intensive workloads, offering the highest memory capacity among Azure VM families. They are particularly suited for enterprise-grade applications such as SAP HANA, which requires massive in-memory processing capabilities. M-series VMs provide up to several terabytes of RAM and high vCPU counts, ensuring optimal performance for SAP-certified deployments.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M8ms	8	218.8 GiB	256 GiB	£1,355.2469/month
M16ms	16	437.5 GiB	512 GiB	£2,710.9264/month
M32ts	32	192 GiB	1,024 GiB	£2,508.7750/month
M32ls	32	256 GiB	1,024 GiB	£2,608.2824/month
M32ms	32	875 GiB	1,024 GiB	£5,421.5283/month
M64ls	64	512 GiB	2,048 GiB	£5,017.5501/month
M64s	64	1,024 GiB	2,048 GiB	£6,136.4670/month
M64l	64	1,024 GiB	7,168 GiB	£6,136.4670/month
M64ms	64	1,792 GiB	2,048 GiB	£9,452.1169/month
M64m1	64	1,792 GiB	7,168 GiB	£9,452.1169/month
M128s	128	2,048 GiB	4,096 GiB	£12,272.9340/month
M128l	128	2,048 GiB	14,336 GiB	£12,272.9340/month
M128ms	128	3,892 GiB	4,096 GiB	£23,120.8038/month
M128m1	128	3,892 GiB	14,336 GiB	£23,120.8038/month

Mdsv2 Medium Memory Series

Mdsv2-series virtual machines are hyper-threaded and based on the Intel® Xeon® Platinum 8280 (Cascade Lake). The series provides up to 192 cores and 4.0 TiB of memory, providing unparalleled computational performance to support large-in memory workloads.

All the Mdsv2-series virtual machine sizes will have the ability to use both standard and premium persistent disks.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M32dms v2	32	875 GiB	1,024 GiB	£4,984.0204/month
M64ds v2	64	1,024 GiB	2,048 GiB	£6,136.4670/month
M64dms v2	64	1,792 GiB	2,048 GiB	£8,637.6709/month
M128ds v2	128	2,048 GiB	4,096 GiB	£12,274.0156/month
M128dms v2	128	3,892 GiB	4,096 GiB	£21,370.8264/month
M192ids v2	192	2,048 GiB	4,096 GiB	£15,700.5297/month
M192idms v2	192	4,096 GiB	4,096 GiB	£26,624.7064/month

Msv2 Medium Memory Series

Msv2-series virtual machines are hyper-threaded and based on the Intel® Xeon® Platinum 8280 (Cascade Lake). The series provides up to 192 cores and 4.0 TiB of memory, providing unparalleled computational performance to support large-in memory workloads and do not have any temporary storage.

All the Msv2-series virtual machine sizes will have the ability to use both standard and premium persistent disks.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M32ms v2	32	875 GiB	0 GiB	£4,912.0939/month
M64s v2	64	1,024 GiB	0 GiB	£5,993.1548/month
M64ms v2	64	1,792 GiB	0 GiB	£8,494.3586/month
M128s v2	128	2,048 GiB	0 GiB	£11,987.3912/month
M128ms v2	128	3,892 GiB	0 GiB	£21,084.2019/month
M192is v2	192	2,048 GiB	0 GiB	£15,413.9052/month
M192ims v2	192	4,096 GiB	0 GiB	£26,338.0820/month

Mv2-series

Mv2-series virtual machines are hyper-threaded and feature Intel® Xeon® Platinum 8180M 2.5GHz (Skylake) processor or the Intel® Xeon® Platinum 8280 (Cascade Lake). The Mv2-series provides up to 416 v-cores and 12.0 TiB of memory, providing unparalleled computational performance to support large in-memory databases and workloads.

All the Mv2-series virtual machine sizes will have the ability to use both standard and premium persistent disks.

Mv2-series VMs are certified for SAP HANA OLTP and OLAP workloads

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M208s v2	208	2,850 GiB	4,096 GiB	£20,256.2359/month
M208ms v2	208	5,700 GiB	4,096 GiB	£35,337.5486/month
M416s v2	416	5,700 GiB	8,192 GiB	£43,864.8961/month
M416s_8_v2	416	7,600 GiB	4,096 GiB	£55,037.3004/month
M416ms v2	416	11,400 GiB	8,192 GiB	£77,372.3747/month

Msv3 Memory Series

Msv3-series virtual machines are powered by the 4th generation Intel® Xeon® Scalable processors and Azure Boost, one of Azure's latest infrastructure innovations. This is the next generation of memory-optimised VM sizes delivering faster performance, lower total cost of ownership and improved resilience to failures compared to previous generation Mv2 VMs. The Msv3 family will scale for SAP workloads, ranging from less than 1TB to 32TB of memory.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M12s v3	12	240 GiB	0 GiB	£1,346.5941/month
M24s v3	24	480 GiB	0 GiB	£2,687.7801/month
M48s1 v3	48	974 GiB	0 GiB	£5,440.4563/month
M96s1 v3	96	974 GiB	0 GiB	£8,755.5654/month
M96s2 v3	96	1,946 GiB	0 GiB	£10,875.5047/month
M176s3 v3	176	2,794 GiB	0 GiB	£16,564.7294/month
M176s4 v3	176	3,892 GiB	0 GiB	£21,350.8168/month
M416s6 v3	416	5,700 GiB	0 GiB	--
M416s8 v3	416	7,600 GiB	0 GiB	--
M624s12 v3	624	11,400 GiB	0 GiB	--
M832s12 v3	832	11,400 GiB	0 GiB	--
M832is16 v3	832	15,200 GiB	0 GiB	--

Mbsv3 Series

The Storage optimised Mbsv3 series VMs are based on the 4th generation Intel® Xeon® Scalable processors and deliver higher remote disk storage performance.

These new VM sizes offer up to 650,000 IOPS and 10GBps of remote disk storage throughput Premium SSD v2/Ultra Disk, up to 4TB of RAM

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M16bs v3	16	128 GiB	0 GiB	£1,344.4309/month
M32bs v3	32	256 GiB	0 GiB	£2,682.1017/month
M48bs v3	48	384 GiB	0 GiB	£4,019.7726/month
M64bs v3	64	512 GiB	0 GiB	--
M96bs v3	96	768 GiB	0 GiB	--
M128bs v3	128	1,024 GiB	0 GiB	--
M176bs v3	176	1,536 GiB	0 GiB	--
M416bs v3	416	3,800 GiB	0 GiB	--

Mbdsv3 Series

The Storage optimised Mbsv3 series VMs are based on the 4th generation Intel® Xeon® Scalable processors and deliver higher remote disk storage performance.

These new VM sizes offer up to 650,000 IOPS and 10GBps of remote disk storage throughput Premium SSD v2/Ultra Disk, up to 4TB of RAM. The Mbdsv3 series also offers local SSD storage (up to 8000 GiB).

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M16bds v3	16	128 GiB	400 GiB	£1,384.9909/month
M32bds v3	32	256 GiB	400 GiB	£2,776.7419/month
M48bds v3	48	384 GiB	400 GiB	£4,161.7328/month
M64bds v3	64	512 GiB	400 GiB	£5,553.4837/month
M64-32bds1 v3	64	1,397 GiB	3,000 GiB	£17,126.6215/month
M64bds1 v3	64	1,397 GiB	3,000 GiB	--
M96bds v3	96	768 GiB	400 GiB	--
M96bds2 v3	96	1,946 GiB	4,500 GiB	£25,689.9322/month
M128bds v3	128	1,024 GiB	400 GiB	£11,100.2074/month
M128bds3 v3	128	2,794 GiB	6,000 GiB	£34,253.2430/month
M176bds v3	176	1,536 GiB	400 GiB	£15,268.7002/month
M176bds4 v3	176	3,892 GiB	8,000 GiB	£46,851.4687/month

Mdsv3 Memory Series

Mdsv3-series virtual machines are powered by the 4th generation Intel® Xeon® Scalable processors and Azure Boost, one of Azure's latest infrastructure innovations. This is the next generation of memory-optimised VM sizes delivering faster performance, lower total cost of ownership and improved resilience to failures compared to previous generation Mv2 VMs. The Mdsv3 family will scale for SAP workloads, ranging from less than 1TB to 32TB of memory and will feature local SSD storage (up to 400 GiB).

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
M12ds v3	12	240 GiB	400 GiB	£1,411.4902/month
M24ds v3	24	480 GiB	400 GiB	£2,822.9803/month
M48ds1 v3	48	974 GiB	400 GiB	£5,705.4488/month
M96ds1 v3	96	974 GiB	400 GiB	£9,155.7580/month
M96ds2 v3	96	1,946 GiB	400 GiB	£11,405.4895/month
M176ds3 v3	176	2,794 GiB	400 GiB	£17,327.2586/month
M176ds4 v3	176	3,892 GiB	400 GiB	£22,410.7864/month
M416ds6 v3	416	5,700 GiB	400 GiB	--
M416ds8 v3	416	7,600 GiB	400 GiB	--
M624ds12 v3	624	11,400 GiB	400 GiB	--
M832ds12 v3	832	11,400 GiB	400 GiB	--
M832ids16 v3	832	15,200 GiB	400 GiB	--
M896ixds32 v3	896	30,400 GiB	4,096 GiB	--

Storage Optimised Virtual Machines

All virtual machine pricing is priced with a Windows OS. Prices may vary depending on Operating System requirements.

L-Series Virtual Machines

Azure L-series virtual machines are designed specifically for workloads that require high-performance local storage and low latency, making them ideal for big data, analytics, and NoSQL databases. These VMs feature large amounts of RAM and high-throughput SSD storage directly attached to the host, which significantly improves I/O performance compared to standard VM types.

L2as – L96as v4 (latest generation)

The Lasv4 VM series features high throughput, low latency, directly mapped local NVMe storage and are based on the 4th Generation AMD EPYC™ Genoa processor in a multi-threaded configuration. Lasv4 VMs come in sizes from 2 to 96 vCPU(s) with 8 GiBs of memory per vCPU and 240GB of local NVMe SSD capacity per vCPU, with up to 23TB (12x1.92TB) available on the L96asv4 size. The Lasv4 VMs provide up to 40 Gbps of networking bandwidth and up to 5090 MB/s of uncached remote disk throughput. You can attach Standard SSDs, Standard HDDs, Premium SSDs, and Ultra Disks to the Lasv4 VMs based on regional availability. Disk storage is billed separately from the virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
L2as v4	2	16 GiB	480 GB	£157.9138/month
L4as v4	4	32 GiB	960 GB	£315.8277/month
L8as v4	8	64 GiB	1,920 GB	£631.6554/month
L16as v4	16	128 GiB	3,840 GB	£1,263.3107/month
L32as v4	32	256 GiB	7,680 GB	£2,526.6215/month
L48as v4	48	384 GiB	11,520 GB	£3,789.9322/month
L64as v4	64	512 GiB	15,360 GB	£5,053.2430/month
L80as v4	80	640 GiB	19,200 GB	£6,316.5537/month
L96as v4	96	768 GiB	23,040 GB	£7,579.8644/month

L2aos – L32aos v4 (latest generation with dense local storage and enhanced IO)

The Laosv4 VM series features high throughput, low latency, directly mapped local NVMe storage and are based on the 4th Generation AMD EPYC™ Genoa processor in a multi-threaded configuration. Laosv4 VMs come in sizes from 2 to 32 vCPU(s) with 8 GiBs of memory per vCPU and 720GB of local NVMe SSD capacity per vCPU, with up to 23TB (12x1.92TB) available on the L32aosv4 size. The Laosv4 VMs are designed to provide enhanced IO performance per vCPU can provide up to 50 Gbps of networking bandwidth and up to 2400 MB/s of uncached remote disk throughput. You can attach Standard SSDs, Standard HDDs, Premium SSDs, and Ultra Disks to the Laosv4 VMs based on regional availability. Disk storage is billed separately from the virtual machines

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
L2aos v4	2	16 GiB	1,440 GB	£191.9843/month
L4aos v4	4	32 GiB	2,880 GB	£383.9686/month
L8aos v4	8	64 GiB	5,760 GB	£767.9372/month
L12aos v4	12	96 GiB	8,640 GB	£1,151.9058/month
L16aos v4	16	128 GiB	11,520 GB	£1,535.8744/month
L24aos v4	24	192 GiB	17,280 GB	£2,303.8115/month
L32aos v4	32	256 GiB	23,040 GB	£3,071.7487/month

L2s – L96s v4 (latest generation)

The Lsv4 VM series features high throughput, low latency, directly mapped local NVMe storage and are based on the 5th Gen Intel® Xeon® Platinum 8537C (Emerald Rapids) processor in a hyper-threaded configuration. Lsv4 VMs come in sizes from 2 to 96 vCPU(s) with 8 GiBs of memory per vCPU and 240GB of local NVMe SSD capacity per vCPU, with up to 23TB (12x1.92TB) available on the L96sv4 size. The Lsv4 VMs provide up to 41 Gbps of networking bandwidth and up to 5953 MB/s of uncached remote disk throughput. You can attach Standard SSDs, Standard HDDs, Premium SSDs, and Ultra Disks to the Lsv4 VMs based on regional availability. Disk storage is billed separately from the virtual machines.

Size	vCPU(s)	RAM	Temporary Storage	Cost (PAYG)
L2s v4	2	16 GiB	480 GB	£158.9954/month
L4s v4	4	32 GiB	960 GB	£317.9909/month
L8s v4	8	64 GiB	1,920 GB	£631.6554/month
L16s v4	16	128 GiB	3,840 GB	£1,271.9636/month
L32s v4	32	256 GiB	7,680 GB	£2,543.9271/month
L48s v4	48	384 GiB	11,520 GB	£3,815.8907/month
L64s v4	64	512 GiB	15,360 GB	£5,087.8542/month
L80s v4	80	640 GiB	19,200 GB	£6,359.8178/month
L96s v4	96	768 GiB	23,040 GB	£7,631.7813/month

Virtual Machines with GPUs

All virtual machine pricing is priced with a Windows OS. Prices may vary depending on Operating System requirements.

N-Series Virtual Machines

Microsoft Azure N-series virtual machines are purpose-built for compute-intensive workloads that require GPU acceleration, such as AI and machine learning training, deep learning inference, high-end graphics rendering, and simulation tasks.

NC-series

N-series virtual machines are ideal for compute and graphics-intensive workloads, helping customers to fuel innovation through scenarios like high-end remote visualisation, deep learning, and predictive analytics. NC-series virtual machines feature the NVIDIA Tesla accelerated platform and these virtual machines do not support the NVIDIA RTX Enterprise technology for graphics and visualisation applications. In addition, N-series offers a NC24r configuration that provides a low latency, high-throughput network interface optimised for tightly coupled parallel computing workloads.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NC6	6	56 GiB	340 GiB	1X K80	--
NC12	12	112 GiB	680 GiB	2X K80	--
NC24r	24	224 GiB	1,440 GiB	4X K80	--
NC24	24	224 GiB	1,440 GiB	4X K80	£2,920.3245/month

NCads H100 v5 Series

The NCads H100 v5 series virtual machine (VM) is designed and optimised for midrange Generative AI training, Generative AI inference and HPC simulation workloads. The NCads H100 v5 series is powered by NVIDIA H100 NVL GPU and 4th-generation AMD EPYC™ Genoa processors. The VMs feature up to 2 NVIDIA H100 NVL GPUs with 94GB memory each, up to 96 non-multithreaded AMD EPYC Genoa processor cores and 640 GiB of system memory. The VM series is ideal for scenarios including GPU-accelerated analytics and databases, Batch inferencing with heavy pre- and post-processing, model training, Oil and gas reservoir simulation, Machine learning (ML) development, Video processing, AI/ML web services.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NC40ads H100 v5	40	320 GiB	3,576 GiB	1X H100	£5,713.5608/month
NC80adis H100 v5	80	640 GiB	7,152 GiB	2X H100	£11,427.1215/month

NCsv3-series

NCsv3 series virtual machines is a new addition to the GPU product family offering the next generation of our popular NC-series machines, powered by NVIDIA Tesla V100 GPUs. Customers can take advantage of these updated GPUs for traditional HPC workloads that will benefit from a performance boost, powering scenarios like reservoir modelling, DNA sequencing, protein analysis, Monte Carlo simulations, and others. These new GPUs can provide 1.5 times the computational performance of the current NCsv2-series. And like our other NC series, we offer a configuration, NC24rs v3, with InfiniBand networking for workloads that require fast interconnect, like Oil and Gas, Automotive, and Genomics to also accelerate scale out capability as well as improved single instance performance.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NC6s v3	6	112 GiB	336 GiB	1X V100	£2,090.1952/month
NC12s v3	12	224 GiB	672 GiB	2X V100	£4,180.3904/month
NC24rs v3	24	448 GiB	1,344 GiB	4X V100	£9,137.3708/month
NC24s v3	24	448 GiB	1,344 GiB	4X V100	£8,360.7808/month

NCas_T4_v3-series

NCas_T4_v3-series virtual machine is a new addition to the Azure GPU family specifically designed for the AI and machine learning workloads. The VMs feature 4 NVIDIA T4 GPUs with 16 GB of memory each, up to 64 non-multithreaded AMD EPYC 7V12(Rome) processor cores, and 448 GiB of system memory. These virtual machines are ideal to run ML and AI workloads utilising Cuda, TensorFlow, Pytorch, Caffe, and other Frameworks or the graphics workloads using NVIDIA RTX Enterprise technology.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NC4as T4 v3	4	28 GiB	180 GiB	1X T4	£432.0999/month
NC8as T4 v3	8	56 GiB	360 GiB	1X T4	£674.9194/month
NC16as T4 v3	16	110 GiB	360 GiB	1X T4	£1,160.0178/month
NC64as T4 v3	64	440 GiB	2,880 GiB	4X T4	£4,345.8755/month

NC A100 v4 series

NC A100 v4 Azure Virtual Machines, powered by NVIDIA Ampere A100 80GB PCIe GPUs and AMD EPYC Milan processors, are optimised for delivery leadership-class performance and cost efficient for a variety of real-world Applied AI workload.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NC24ads A100 v4	24	220 GiB	958 GiB	1X A100	£3,079.8607/month
NC48ads A100 v4	48	440 GiB	1,916 GiB	2X A100	£6,160.2623/month
NC96ads A100 v4	96	880 GiB	3,832 GiB	4X A100	£12,319.9837/month

NGads V620-series

The NGads V620-series GPU-enabled virtual machines are optimised for game streaming and enable service providers to build differentiated cloud gaming experiences. Powered by AMD Radeon™ PRO V620 GPUs and AMD EPYC 7763 ('Milan') CPUs, the NGads V620 VMs also support graphics-accelerated VDI and visualisation rendering. The series features GPU partitioning to enable VM sizes with a full 32GB AMD V620 GPU, ½ GPU, or ¼ GPU.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NG8ads V620 v1	8	16 GiB	256 GiB	1/4	£628.9514/month
NG16ads V620 v1	16	32 GiB	512 GiB	1/2	£1,257.9027/month
NG32ads V620 v1	32	64 GiB	1,024 GiB	1	£2,515.8055/month
NG32adms V620 v1	32	176 GiB	1,024 GiB	1	£3,031.7295/month

NVv3-series

NVv3 series virtual machines are powered by NVIDIA Tesla M60 GPUs and NVIDIA RTX Enterprise technology with Intel Broadwell CPUs. These virtual machines are targeted for GPU accelerated graphics applications and virtual desktops where customers want to visualise their data, simulate results to view, work on CAD or render and stream content. Additionally, these virtual machines can run single precision workloads such as encoding and rendering. NVv3 virtual machines support Premium Storage and come with twice the system memory (RAM) when compared with its predecessor NV Series. Compared to the NVv2 series the NVv3 configurations are hyperthreaded.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NV12s v3	12	112 GiB	736 GiB	1X M60	£1,069.1632/month
NV24s v3	24	224 GiB	1,474 GiB	2X M60	£2,138.3265/month
NV48s v3	48	448 GiB	2,948 GiB	4X M60	£4,276.6530/month

NVv4-series

The NVv4 is a new addition to the GPU family. It's based on the AMD Radeon Instinct MI25 GPU and is specifically designed to provide you unprecedented GPU resourcing flexibility. You can now choose VMs with a whole GPU all the way down to 1/8th of a GPU. This makes entry-level and low-intensity GPU workloads more cost-effective than ever before, while still giving customers the option to scale up to powerful full-GPU processing power.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NV4as v4	4	14 GiB	88 GiB	1/8th MI25 (2GB VRAM)	£256.8804/month
NV8as v4	8	28 GiB	176 GiB	1/4th MI25 (4GB VRAM)	£513.7608/month
NV16as v4	16	56 GiB	352 GiB	1/2 MI25 (8GB VRAM)	£1,028.0624/month
NV32as v4	32	112 GiB	700 GiB	1x MI25 (16GB VRAM)	£2,056.1248/month

NVads A10 v5 series

The NVads A10 v5 is based on the Nvidia A10 GPU and optimised for graphics and visualisation workloads. The NVads A10 v5 VM-series provides GPU resourcing flexibility and allows you to choose VMs starting with 1/6th of GPU and scale to multi-GPU configurations. The GPU partitioning technology combined with the powerful AMD Milan processors and up to 880GB of memory, provides right sized GPU VMs from entry level VDI workload to high end graphics workload requiring more vCPU, Memory and GPU resources.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NV6adsv5	6	55 GiB	180 GiB	1/6X A10	£455.8951/month
NV12ads A10 v5	12	110 GiB	320 GiB	1/3X A10	£912.3310/month
NV18ads A10 v5	18	220 GiB	720 GiB	1/2X A10	£1,529.3847/month
NV36ads A10 v5	36	440 GiB	720 GiB	1X A10	£3,058.7695/month
NV36adms A10 v5	36	880 GiB	720 GiB	1X A10	£3,951.0909/month
NV72ads A10 v5	72	880 GiB	1,400 GiB	2X A10	£6,198.6591/month

NDsr H100 v5 Series

The ND H100 v5 series virtual machine (VM) is designed for high-end Deep Learning training and tightly coupled scale-up and scale-out Generative AI and HPC workloads. The ND H100 v5 series starts with a single VM and eight NVIDIA H100 Tensor Core GPUs. ND H100 v5-based deployments can scale to thousands of GPUs with 3.2Tb/s of interconnect bandwidth per VM. Each GPU within the VM is provided with its own dedicated, topology-agnostic 400 Gb/s NVIDIA Quantum-2 CX7 InfiniBand connection. These connections are automatically configured between VMs occupying the same virtual machine scale set, and support GPUDirect RDMA. Each GPU features NVLINK 4.0 connectivity for communication within the VM, and the instance is backed by 96 physical 4th Gen Intel Xeon Scalable processor cores.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
ND96isr H100 v5	96	1,900 GiB	28,000 GiB	8x H100	£68,852.5984/month

NMads MA35D-Series

The NMads MA35D-Series virtual machine (VM) is Azure's first SKU to offer specialised hardware (Xilinx MA35D "Supernova") accelerated VM optimised for batch and real-time video transcoding workloads. The VM offers 1 ASIC video processing unit with 8GB of memory in addition to 16 vCPUs, 32GB of RAM, 76GB of temporary storage, and 4Gbps of network bandwidth. Compared with existing general-purpose CPU or GPU based solutions, the NMads MA35D-Series VM SKU provides much higher throughput and lower latency while maintaining a significantly lower TCO for customers. NMv1 presents a huge opportunity to save on infrastructure costs and improve performance and efficiency on video transcoding. Additionally, the SKU provides access to modern codecs such as AV1 to further improve efficiency for video processing. It is the ideal choice for running your video transcoding workloads on the cloud.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
NM16ads MA35D	16	30 GiB	71 GiB	1x ASIC VPU	£1,716.5018/month

NDsr H200 v5 Series

The ND v5 H200 series virtual machine (VM) is designed to deliver exceptional performance for AI and high-performance computing (HPC) workloads. These VMs leverage the power of the NVIDIA H200 Tensor Core GPU, which offer a 76% increase in High Bandwidth Memory over the H100 GPUs to deliver higher performance on state-of-the-art Generative AI models. With 141 GB of high-speed memory, and 4.8 TB/s of memory bandwidth, the H200 GPU can handle larger datasets and more complex models, making it ideal for generative AI and scientific computing.

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
ND96isr H200 v5	96	1,900 GiB	28,000 GiB	8x H200	£59,713.0644/month

NDm A100 v4 series

NDm A100 v4 Azure VMs, powered by eight 80 GB NVIDIA Ampere A100 GPUs, are Azure's flagship Deep Learning and Tightly Coupled HPC GPU offering for highly demanding workloads. Featuring 2x the per-GPU memory of the ND A100 v4 series, and 30% more GPU memory bandwidth, the NDm A100 v4 features the same NVLINK and InfiniBand HDR connections that let the most ambitious jobs scale up and out using standard NVIDIA NCCL libraries. NDm A100 v4-based deployments can scale up to thousands of GPUs with 1.6 Tb/s of interconnect bandwidth per VM. Each GPU within the VM is provided with its own dedicated, topology-agnostic 200 Gb/s NVIDIA Mellanox HDR InfiniBand connection

Size	vCPU(s)	RAM	Temporary Storage	GPU	Cost (PAYG)
ND96amsr A100 v4	96	1,900 GiB	6,400 GiB	8x 80GB A100 (NVlink)	£24,540.4601/month

Azure Virtual Desktop

Azure Virtual Desktop (AVD) is a cloud-based service that enables organisations to deliver secure, virtualised Windows desktops and applications to users from anywhere. It allows businesses to run Windows 10 or 11 multi-session environments on Azure, providing flexibility, scalability, and cost efficiency. AVD integrates with Microsoft 365 and supports remote work by offering centralised management, built-in security, and compliance features. This solution is ideal for organisations seeking to simplify desktop infrastructure, reduce hardware costs, and ensure secure access for distributed teams.

Pooled Host Pool (Multisession)

A pooled host pool in Azure Virtual Desktop is a collection of session host VMs that multiple users share, with each user dynamically assigned to any available VM during sign-in. This model is designed for cost efficiency and scalability, as it allows organisations to serve many users with fewer virtual machines compared to a personal host pool.

Azure Virtual Desktop Workload Categories

AVD workloads are grouped into Medium, Heavy, and Power to guide VM sizing. Medium suits workers using light productivity apps or Web Browsing. Heavy supports users running resource-intensive applications such as large spreadsheets or development tools. Power is designed for high-performance scenarios, including engineering applications, or advanced data processing.

Pricing examples are based on a 50-user company with 90% peak concurrency and 5% off peak concurrency.

Instance	Workload	Number of VMs	Peak Concurrency (VMsxHrs)	Off Peak Concurrency (VMsxHrs)	Cost (PAYG)
D4s v6 4vCPU, 16GB RAM	Medium	4	4x165	1x565	£294.33/Month
D8s v6, 8vCPU, 32GB RAM	Heavy	4	4x165	1x565	£505.78/Month
D8s v6, 8vCPU, 32GB RAM	Power	7	7x165	1x565	£729.66/Month

Personal session Host Pool

A personal host pool in Azure Virtual Desktop is a collection of session host VMs where each user is assigned their own dedicated desktop (a one-to-one relationship). Unlike pooled host pools, users always land on the same VM, so their apps, settings, and customisations persist across sessions—ideal for scenarios needing local admin rights, specialised software, or consistent performance

Azure Virtual Desktop Version Categories

Below are examples for 3 different performance tiers, Basic, Standard and Premium, each will meet different user needs. Basic is suitable for light productivity tasks such as email, web browsing, and simple document editing, typically for frontline or occasional users. Standard is designed for knowledge workers who use a broader range of applications, including Microsoft 365 and business apps, providing balanced performance for everyday tasks. Premium targets power users and specialists who require high performance for demanding workloads.

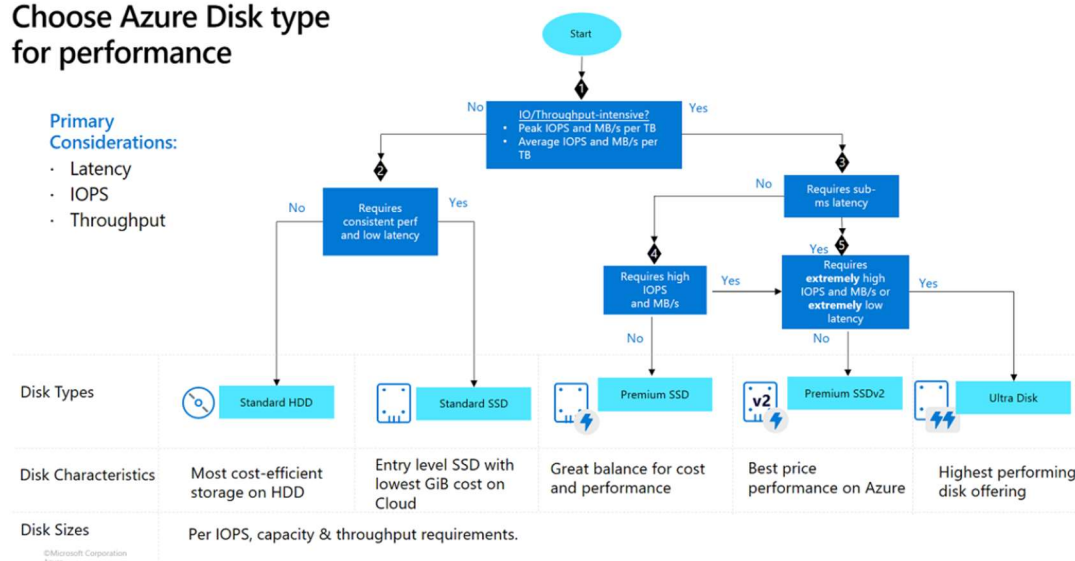
Pricing examples are based on a 50-user company with each user being assigned there own VM and running for a total of 165 hours per month.

Instance	Version	Number of VMs	Cost (PAYG)
D2s v6 2vCPU, 8GB RAM	Basic	50	£1,610.65/Month
D4s v6, 4vCPU, 16GB RAM	Standard	50	£2,319.61/Month
D8s v6, 8vCPU, 32GB RAM	Premium	50	£3,743.66/Month

Managed Disks

This flow chart compares disk types to help you choose the correct disks for your workload:

Choose Azure Disk type for performance



Standard HDD

Azure Standard HDDs are suited to latency-tolerant workloads with large, sequential IO, such as light data processing that reads or writes large files. They are not suitable for low-latency or small-block workloads like OS disks or transactional databases, use Standard SSDs or Premium SSDs for those. Standard HDDs typically deliver write latency under 10 ms and read latency under 20 ms, though performance varies more than SSD-based disks and depends on IO size and workload patterns. They are available in all Azure regions and compatible with all Azure VMs.

Size	IOPS	Throughput	Price (PAYG)
S4 – 32 GiB	500	60 MB/s	£1.25
S6 – 64 GiB	500	60 MB/s	£2.45
S10 – 128 GiB	500	60 MB/s	£4.80
S15 – 256 GiB	500	60 MB/s	£9.23
S20 – 512 GiB	500	60 MB/s	£17.73
S30 – 1 TiB	500	60 MB/s	£33.38
S40 – 2 TiB	500	60 MB/s	£63.41
S50 – 4 TiB	500	60 MB/s	£116.81
S60 – 8 TiB	1,300	300 MB/s	£213.59
S70 – 16 TiB	2,000	500 MB/s	£427.20
S80 – 32 TiB	2,000	500 MB/s	£854.38

Standard SSD

Azure standard SSDs are optimised for workloads that need consistent performance at lower IOPS levels. They're an especially good choice for customers with varying workloads supported by on-premises hard disk drive (HDD) solutions. Compared to standard HDDs, standard SSDs deliver better availability, consistency, reliability, and latency. Standard SSDs are suitable for web servers, low IOPS application servers, lightly used enterprise applications, and non-production workloads. Like standard HDDs, standard SSDs are available on all Azure VMs.

Size	IOPS	Throughput	Price (PAYG)
E1 – 4 GiB	500	100 MB/s	£0.24
E2 – 8 GiB	500	100 MB/s	£0.49
E3 – 16 GiB	500	100 MB/s	£0.98
E4 – 32 GiB	500	100 MB/s	£1.96
E6 – 64 GiB	500	100 MB/s	£3.91
E10 – 128 GiB	500	100 MB/s	£7.82
E15 – 256 GiB	500	100 MB/s	£15.65
E20 – 512 GiB	500	100 MB/s	£31.29
E30 – 1 TiB	500	100 MB/s	£62.58
E40 – 2 TiB	500	100 MB/s	£125.17
E50 – 4 TiB	500	100 MB/s	£250.34
E60 – 8 TiB	2,000	400 MB/s	£500.68
E70 – 16 TiB	4,000	600 MB/s	£1001.36
E80 – 32 TiB	6,000	750 MB/s	£2002.71

Premium SSD

Azure Premium SSDs deliver high-performance and low-latency disk support for virtual machines (VMs) with input/output (IO)-intensive workloads. To take advantage of the speed and performance of Premium SSDs, you can migrate existing VM disks to Premium SSDs. Premium SSDs are suitable for mission-critical production applications, but you can use them only with compatible VM series.

Premium SSDs offer disk bursting, which provides better tolerance on unpredictable changes of IO patterns. Disk bursting is especially useful during OS disk boot and for applications with spiky traffic.

Size	IOPS (Burst)	Throughput (Burst)	Price (PAYG)
P1 – 4 GiB	120 (3,500)	25 MB/s (170 MB/s)	£0.56
P2 – 8 GiB	120 (3,500)	25 MB/s (170 MB/s)	£1.11
P3 – 16 GiB	120 (3,500)	25 MB/s (170 MB/s)	£2.22
P4 – 32 GiB	120 (3,500)	25 MB/s (170 MB/s)	£4.73
P6 – 64 GiB	240 (3,500)	50 MB/s (170 MB/s)	£9.15
P10 – 128 GiB	500 (3,500)	100 MB/s (170 MB/s)	£17.67
P15 – 256 GiB	1,100 (3,500)	125 MB/s (170 MB/s)	£34.07
P20 – 512 GiB	2,300 (3,500)	150 MB/s (170 MB/s)	£65.63
P30 – 1 TiB	5,000 (30,000)	200 MB/s (1,000 MB/s)	£121.16
P40 – 2 TiB	7,500 (30,000)	250 MB/s (1,000 MB/s)	£232.20
P50 – 4 TiB	7,500 (30,000)	250 MB/s (1,000 MB/s)	£444.20
P60 – 8 TiB	16,000 (30,000)	500 MB/s (1,000 MB/s)	£848.02
P70 – 16 TiB	18,000 (30,000)	750 MB/s (1,000 MB/s)	£1,615.28
P80 – 32 TiB	20,000 (30,000)	900 MB/s (1,000 MB/s)	£3,230.57

Premium SSD v2

Premium SSD v2 is the next-generation Premium SSD offering for Azure Disks Storage. Premium SSD v2 Disk Storage is designed for performance-sensitive workloads that consistently require low average read and write latency combined with high IOPS and throughput. This offering is well suited to support data intensive workloads such as SQL Server, Oracle Database, Cassandra, and Mongo DB.

With Premium SSD v2, we can provision the IOPS and throughput you need without necessarily purchasing additional storage capacity (see table below). As a result, you can cost-effectively scale performance when deploying transaction-intensive workloads.

Premium SSD v2 provides a baseline performance of 3,000 IOPS and 125 MB/s for any disk size that is offered at no additional cost. Disk storage capacity can range from a minimum of 1 GiB to a maximum of 64 TiBs.

Currently, only locally redundant storage (LRS) configurations are supported.

Premium SSD v2 Configuration	Unit	Hourly Price	Monthly Price
Disk Capacity	GiBs	£0.0000941	£0.069/GiB
Provisioned IOPS	IOPS	Up to 3,000 IOPS at no additional cost £0.0000060/provisioned IOPS over 3,000 IOPS	Up to 3,000 IOPS at no additional cost £0.0044/provisioned IOPS over 3,000 IOPS
Provisioned Throughput	MB/s	Up to 125 MB/s at no additional cost £0.0000467/provisioned MB/s over 125 MB/s	Up to 125 MB/s at no additional cost £0.035/provisioned MB/s over 125 MB/s

The total cost of Premium SSD v2 Disk Storage will depend on the size and number of disks provisioned and their configurations.

Premium SSD v2 disks will be billed hourly and provide different disk sizes with a configurable range of input/output operations per second (IOPS) and throughput measured in MB/s. You can choose the configuration that best meets your workload requirements in terms of storage capacity, IOPS, and throughput. Disk storage capacity, IOPS, and throughput will be charged separately.

Ultra Disk

Ultra Disk is the next generation high-performance Solid-State Drive (SSD) with configurable performance attributes that provides the lowest latency and consistent high IOPS/throughput. Ultra Disk offers unprecedented and extremely scalable performance with sub-millisecond latency. As a customer you can start small on IOPS and throughput and adjust your performance as your workload becomes more IO intensive.

The total cost of Ultra Disk depends on the size of the disk and its performance configuration and will be affected by the number of disks.

Ultra Disk is available in different sizes that provide a configurable range of input/output operations per sec (IOPS), and a configurable range of throughput (MB/s), and is billed on an hourly rate. You choose the option that best meets your required storage size, IOPS, and throughput. Ultra Disk only supports locally redundant storage (LRS).

Ultra Disk Configuration	Unit	Hourly Price		Monthly Price**
Disk Capacity (GiB)	GiB	£0.000152		£0.11087
Provisioned IOPS	IOPS	£0.000026		£0.01839
Provisioned Throughput (MB/s)	MBps	£0.000083		£0.06003
Provisioned vcpu reservation charge*	vCPU	£0.005557		£4.05601

*This reservation charge is only imposed if you enable Ultra Disk compatibility on the VM without attaching an Ultra Disk.

**Price is based on 730 hours per month.

Ultra Disk is billed based on the provisioned size, provisioned IOPS and provisioned throughput. Azure maps the provisioned size (rounded up) to the nearest disk size offer. Each disk is billed accordingly on an hourly basis. For example, if you provisioned a 200 GiB Ultra Disk, with 20,000 IOPS and 1,000 MB/second and deleted it after 20 hours, it will map to the disk size offer of 256 GiB and you'll be billed for the 256 GiB, 20,000 IOPS and 1,000 MB/second for 20 hours. This is regardless of the amount of actual data and number of IOs written to the disk.