PRODUCTS & SERVICES

Amazon EC2

Product Details

Getting Started

Instances

Developer Resources

FAQs

Pricing

RELATED LINKS

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Amazon EC2 Reserved Instances

Amazon EC2 Dedicated Hosts

Amazon EC2 Dedicated Instances

Amazon EC2 Elastic GPUs

Windows Instances

VMware Cloud on AWS

Systems Manager

Server Migration Services

Application Discovery

Management Console

Documentation

Release Notes

Discussion Forum

Amazon EC2 SLA

Manage Your Resources

Sign In to the Console

Amazon EC2 Pricing

With On-Demand instances you only pay for EC2 instances you use. The use of On-Demand instances frees you from the costs and complexities of planning, purchasing, and maintaining hardware and transforms what are commonly large fixed costs into much smaller variable costs.

Manage Your AWS Resources

Sign in to the Console

On-Demand Pricing

On-Demand instances let you pay for compute capacity by the hour or second (minimum of 60 seconds) with no long-term commitments. This frees you from the costs and complexities of planning, purchasing, and maintaining hardware and transforms what are commonly large fixed costs into much smaller variable costs.

The pricing below includes the cost to run private and public AMIs on the specified operating system ("Windows Usage" prices apply to Windows Server 2003 R2, 2008, 2008 R2, 2012, 2012 R2, and 2016). Amazon also provides you with additional instances for Amazon EC2 running Microsoft Windows with SQL Server, Amazon EC2 running SUSE Linux Enterprise Server, Amazon EC2 running Red Hat Enterprise Linux and Amazon EC2 running IBM that are priced differently.

Linux | RHEL | SLES | Windows | Windows with SQL Standard | Windows with SQL Web | Windows with SQL Enterprise | Linux with SQL Standard | Linux with SQL Web | Linux with SQL Enterprise

Region: US East (Ohio)

	vCPU	ECU	Memory (GiB)	Instance Storage (GB)	Linux/UNIX Usage
General Purpose - Current Generation					
t3.nano	2	Variable	0.5 GiB	EBS Only	$0.0052 per Hour
t3.micro	2	Variable	1 GiB	EBS Only	$0.0104 per Hour
t3.small	2	Variable	2 GiB	EBS Only	$0.0208 per Hour
t3.medium	2	Variable	4 GiB	EBS Only	$0.0416 per Hour
t3.large	2	Variable	8 GiB	EBS Only	$0.0832 per Hour
t3.xlarge	4	Variable	16 GiB	EBS Only	$0.1664 per Hour
t3.2xlarge	8	Variable	32 GiB	EBS Only	$0.3328 per Hour
t2.nano	1	Variable	0.5 GiB	EBS Only	$0.0058 per Hour
t2.micro	1	Variable	1 GiB	EBS Only	$0.0116 per Hour
t2.small	1	Variable	2 GiB	EBS Only	$0.023 per Hour
t2.medium	2	Variable	4 GiB	EBS Only	$0.0464 per Hour
t2.large	2	Variable	8 GiB	EBS Only	$0.0928 per Hour
t2.xlarge	4	Variable	16 GiB	EBS Only	$0.1856 per Hour

t2.2xlarge	8	Variable	32 GiB	EBS Only	$0.3712 per Hour
m5.large	2	8	8 GiB	EBS Only	$0.096 per Hour
m5.xlarge	4	16	16 GiB	EBS Only	$0.192 per Hour
m5.2xlarge	8	31	32 GiB	EBS Only	$0.384 per Hour
m5.4xlarge	16	60	64 GiB	EBS Only	$0.768 per Hour
m5.12xlarge	48	173	192 GiB	EBS Only	$2.304 per Hour
m5.24xlarge	96	345	384 GiB	EBS Only	$4.608 per Hour
m5d.large	2	8	8 GiB	1 x 75 NVMe SSD	$0.113 per Hour
m5d.xlarge	4	16	16 GiB	1 x 150 NVMe SSD	$0.226 per Hour
m5d.2xlarge	8	31	32 GiB	1 x 300 NVMe SSD	$0.452 per Hour
m5d.4xlarge	16	60	64 GiB	2 x 300 NVMe SSD	$0.904 per Hour
m5d.12xlarge	48	173	192 GiB	2 x 900 NVMe SSD	$2.712 per Hour
m5d.24xlarge	96	345	384 GiB	4 x 900 NVMe SSD	$5.424 per Hour
m4.large	2	6.5	8 GiB	EBS Only	$0.10 per Hour
m4.xlarge	4	13	16 GiB	EBS Only	$0.20 per Hour
m4.2xlarge	8	26	32 GiB	EBS Only	$0.40 per Hour
m4.4xlarge	16	53.5	64 GiB	EBS Only	$0.80 per Hour
m4.10xlarge	40	124.5	160 GiB	EBS Only	$2.00 per Hour
m4.16xlarge	64	188	256 GiB	EBS Only	$3.20 per Hour

Compute Optimized - Current Generation

c5.large	2	9	4 GiB	EBS Only	$0.085 per Hour
c5.xlarge	4	17	8 GiB	EBS Only	$0.17 per Hour
c5.2xlarge	8	34	16 GiB	EBS Only	$0.34 per Hour
c5.4xlarge	16	68	32 GiB	EBS Only	$0.68 per Hour
c5.9xlarge	36	141	72 GiB	EBS Only	$1.53 per Hour
c5.18xlarge	72	281	144 GiB	EBS Only	$3.06 per Hour
c5d.large	2	9	4 GiB	1 x 50 NVMe SSD	$0.096 per Hour
c5d.xlarge	4	17	8 GiB	1 x 100 NVMe SSD	$0.192 per Hour
c5d.2xlarge	8	34	16 GiB	1 x 200 NVMe SSD	$0.384 per Hour
c5d.4xlarge	16	68	32 GiB	1 x 400 NVMe SSD	$0.768 per Hour
c5d.9xlarge	36	141	72 GiB	1 x 900 NVMe SSD	$1.728 per Hour
c5d.18xlarge	72	281	144 GiB	1 x 1800 NVMe SSD	$3.456 per Hour
c4.large	2	8	3.75 GiB	EBS Only	$0.10 per Hour
c4.xlarge	4	16	7.5 GiB	EBS Only	$0.199 per Hour
c4.2xlarge	8	31	15 GiB	EBS Only	$0.398 per Hour
c4.4xlarge	16	62	30 GiB	EBS Only	$0.796 per Hour
c4.8xlarge	36	132	60 GiB	EBS Only	$1.591 per Hour

GPU Instances - Current Generation

p3.2xlarge	8	26	61 GiB	EBS Only	$3.06 per Hour

p3.8xlarge	32	94	244 GiB	EBS Only	$12.24 per Hour
p3.16xlarge	64	188	488 GiB	EBS Only	$24.48 per Hour
p2.xlarge	4	12	61 GiB	EBS Only	$0.90 per Hour
p2.8xlarge	32	94	488 GiB	EBS Only	$7.20 per Hour
p2.16xlarge	64	188	768 GiB	EBS Only	$14.40 per Hour
g3.4xlarge	16	47	122 GiB	EBS Only	$1.14 per Hour
g3.8xlarge	32	94	244 GiB	EBS Only	$2.28 per Hour
g3.16xlarge	64	188	488 GiB	EBS Only	$4.56 per Hour

Memory Optimized - Current Generation

x1.16xlarge	64	174.5	976 GiB	1 x 1920 SSD	$6.669 per Hour
x1.32xlarge	128	349	1,952 GiB	2 x 1920 SSD	$13.338 per Hour
r5.large	2	8	16 GiB	EBS Only	$0.126 per Hour
r5.xlarge	4	16	32 GiB	EBS Only	$0.252 per Hour
r5.2xlarge	8	31	64 GiB	EBS Only	$0.504 per Hour
r5.4xlarge	16	60	128 GiB	EBS Only	$1.008 per Hour
r5.12xlarge	48	173	384 GiB	EBS Only	$3.024 per Hour
r5.24xlarge	96	345	768 GiB	EBS Only	$6.048 per Hour
r5d.large	2	8	16 GiB	1 x 75 NVMe SSD	$0.144 per Hour
r5d.xlarge	4	16	32 GiB	1 x 150 NVMe SSD	$0.288 per Hour
r5d.2xlarge	8	31	64 GiB	1 x 300 NVMe SSD	$0.576 per Hour
r5d.4xlarge	16	60	128 GiB	2 x 300 NVMe SSD	$1.152 per Hour
r5d.12xlarge	48	173	384 GiB	2 x 900 NVMe SSD	$3.456 per Hour
r5d.24xlarge	96	345	768 GiB	4 x 900 NVMe SSD	$6.912 per Hour
r4.large	2	7	15.25 GiB	EBS Only	$0.133 per Hour
r4.xlarge	4	13.5	30.5 GiB	EBS Only	$0.266 per Hour
r4.2xlarge	8	27	61 GiB	EBS Only	$0.532 per Hour
r4.4xlarge	16	53	122 GiB	EBS Only	$1.064 per Hour
r4.8xlarge	32	99	244 GiB	EBS Only	$2.128 per Hour
r4.16xlarge	64	195	488 GiB	EBS Only	$4.256 per Hour

Storage Optimized - Current Generation

i3.large	2	7	15.25 GiB	1 x 475 NVMe SSD	$0.156 per Hour
i3.xlarge	4	13	30.5 GiB	1 x 950 NVMe SSD	$0.312 per Hour
i3.2xlarge	8	27	61 GiB	1 x 1900 NVMe SSD	$0.624 per Hour
i3.4xlarge	16	53	122 GiB	2 x 1900 NVMe SSD	$1.248 per Hour
i3.8xlarge	32	99	244 GiB	4 x 1900 NVMe SSD	$2.496 per Hour
i3.16xlarge	64	200	488 GiB	8 x 1900 NVMe SSD	$4.992 per Hour
i3.metal	72	208	512 GiB	8 x 1900 NVMe SSD	$4.992 per Hour
h1.2xlarge	8	26	32 GiB	1 x 2000 HDD	$0.468 per Hour
h1.4xlarge	16	53.5	64 GiB	2 x 2000 HDD	$0.936 per Hour

h1.8xlarge	32	99	128 GiB	4 x 2000 HDD	$1.872 per Hour
h1.16xlarge	64	188	256 GiB	8 x 2000 HDD	$3.744 per Hour
d2.xlarge	4	14	30.5 GiB	3 x 2000 HDD	$0.69 per Hour
d2.2xlarge	8	28	61 GiB	6 x 2000 HDD	$1.38 per Hour
d2.4xlarge	16	56	122 GiB	12 x 2000 HDD	$2.76 per Hour
d2.8xlarge	36	116	244 GiB	24 x 2000 HDD	$5.52 per Hour

Except as otherwise noted, our prices are exclusive of applicable taxes and duties, including VAT and applicable sales tax. For customers with a Japanese billing address, use of AWS is subject to Japanese Consumption Tax. Learn more.

Pricing is per instance-hour consumed for each instance, from the time an instance is launched until it is terminated or stopped. Each partial instance-hour consumed will be billed per-second for Linux Instances and as a full hour for all other instance types.

The vCPU number is the default and maximum number of vCPUs available for the specified EC2 instance type. You can specify a custom number of vCPUs when launching this instance type. Instance pricing will remain same as displayed above. For more details on valid vCPU counts and how to start using this feature, visit the Optimize CPUs documentation page here.

Looking for T1, M1, C1, CC2, M2, CR1, CG1, I2, HS1, M3, C3, or R3 instances? See the Previous Generation Instances page.

Data Transfer

The pricing below is based on data transferred "in" to and "out" of Amazon EC2.

Region: US East (Ohio)

	Pricing
Data Transfer IN To Amazon EC2 From Internet	
All data transfer in	$0.00 per GB
Data Transfer OUT From Amazon EC2 To Internet	
Up to 1 GB / Month	$0.00 per GB
Next 9.999 TB / Month	$0.09 per GB
Next 40 TB / Month	$0.085 per GB
Next 100 TB / Month	$0.07 per GB
Greater than 150 TB / Month	$0.05 per GB

If the Data Transfer per month is greater than 500 TB / month, please contact us.

Data Transfer OUT From Amazon EC2 To

CloudFront	$0.00 per GB
US East (N. Virginia)	$0.01 per GB
EU (Paris)	$0.02 per GB
Asia Pacific (Osaka-Local)	$0.02 per GB
South America (Sao Paulo)	$0.02 per GB

AWS GovCloud (US)	$0.02 per GB
US West (Oregon)	$0.02 per GB
Asia Pacific (Sydney)	$0.02 per GB
EU (London)	$0.02 per GB
Asia Pacific (Tokyo)	$0.02 per GB
EU (Frankfurt)	$0.02 per GB
EU (Ireland)	$0.02 per GB
Canada (Central)	$0.02 per GB
US West (Northern California)	$0.02 per GB
Asia Pacific (Singapore)	$0.02 per GB
Asia Pacific (Mumbai)	$0.02 per GB

Rate tiers take into account your aggregate usage for Data Transfer Out to the Internet across Amazon EC2, Amazon S3, Amazon Glacier, Amazon RDS, Amazon Redshift, Amazon SES, Amazon SimpleDB, Amazon SQS, Amazon SNS, Amazon DynamoDB, AWS Storage Gateway, and Amazon CloudWatch Logs.

Data Transfer within the same AWS Region

Data transferred "in" to and "out" from Amazon EC2, Amazon RDS, Amazon Redshift , Amazon DynamoDB Accelerator (DAX), and Amazon ElastiCache instances or Elastic Network Interfaces across Availability Zones or VPC Peering connections in the same AWS Region is charged at $0.01/GB in each direction.

IPv4: Data transferred “in” to and “out” from public or Elastic IPv4 address is charged at $0.01/GB in each direction.
IPv6: Data transferred “in” to and “out” from an IPv6 address in a different VPC is charged at $0.01/GB in each direction.

Data transferred between Amazon EC2, Amazon RDS, Amazon Redshift, Amazon ElastiCache instances and Elastic Network Interfaces in the same Availability Zone is free. See above when transferring data using VPC peering.

Data transferred between Amazon S3, Amazon Glacier, Amazon DynamoDB, Amazon SES, Amazon SQS, Amazon Kinesis, Amazon ECR, Amazon SNS or Amazon SimpleDB and Amazon EC2 instances in the same AWS Region is free. AWS Services accessed via PrivateLink endpoints will incur standard PrivateLink charges as explained here.

Data transferred "in" to and "out" from Amazon Classic and Application Elastic Load Balancers using private IP addresses, between EC2 instances and the load balancer in the same AWS Region is free.

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EBS-Optimized Instances

EBS-optimized instances enable EC2 instances to fully use the IOPS provisioned on an EBS volume. EBS-optimized instances deliver dedicated throughput between Amazon EC2 and Amazon EBS, with options between 500 and 4,000 Megabits per second (Mbps) depending on the instance type used. The dedicated throughput minimizes contention between Amazon EBS I/O and other traffic from your EC2 instance, providing the best performance for your EBS volumes. EBS-optimized instances are designed for use with both Standard and Provisioned IOPS Amazon EBS volumes. When attached to EBS-optimized instances, Provisioned IOPS volumes can achieve single digit millisecond latencies and are designed to deliver within 10% of the provisioned IOPS performance 99.9% of the time.

For Current Generation Instance types, EBS-optimization is enabled by default at no additional cost. For Previous Generation Instances types, EBS-optimization prices are on the Previous Generation Pricing Page.

The hourly price for EBS-optimized instances is in addition to the hourly usage fee for supported instance types.

To learn more, visit the EBS Pricing Page.

Elastic IP Addresses

You can have one Elastic IP (EIP) address associated with a running instance at no charge. If you associate additional EIPs with that instance, you will be charged for each additional EIP associated with that instance per hour on a pro rata basis. Additional EIPs are only available in Amazon VPC.

To ensure efficient use of Elastic IP addresses, we impose a small hourly charge when these IP addresses are not associated with a running instance or when they are associated with a stopped instance or unattached network interface.

Region: US East (Ohio)

- $0.005 per additional IP address associated with a running instance per hour on a pro rata basis
- $0.005 per Elastic IP address not associated with a running instance per hour on a pro rata basis

- $0.00 per Elastic IP address remap for the first 100 remaps per month
- $0.10 per Elastic IP address remap for additional remaps over 100 per month

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T2/T3 Unlimited Mode Pricing

For T2 and T3 instances in Unlimited mode, CPU Credits are charged at:

- $0.05 per vCPU-Hour for Linux, RHEL and SLES, and
- $0.096 per vCPU-Hour for Windows and Windows with SQL Web

The CPU Credit pricing is the same for all instance sizes, for On-Demand and Reserved Instances, and across all regions.

See Unlimited Mode documentation for details on when CPU Credits are charged.

Amazon CloudWatch

To see prices, visit the Amazon Cloudwatch Pricing page.

Auto Scaling

Auto Scaling is enabled by Amazon CloudWatch and carries no additional fees. Each instance launched by Auto Scaling is automatically enabled for monitoring and the applicable Amazon Cloudwatch charges will be applied.

Elastic Load Balancing

To see prices, visit the Elastic Load Balancing page.

AWS GovCloud Region

AWS GovCloud is an AWS region designed to allow U.S. government agencies and contractors to move more sensitive workloads into the cloud by addressing their specific regulatory and compliance requirements. For pricing and more information on the new AWS GovCloud region, please visit the AWS GovCloud Web Page.

** Your usage for the Free Tier is calculated each month across all regions except the AWS GovCloud region, and automatically applied to your bill – unused monthly usage will not roll over. Does not include Amazon EC2 running IBM, or the AWS GovCloud region. See offer terms for more details and other restrictions.*
*** As part of AWS's Free Usage tier, new AWS customers will receive free 15 GB of data transfer out each month aggregated across all AWS services for one year except in the AWS GovCloud region.*
**** Rate tiers take into account your aggregate Data Transfer Out usage across Amazon EC2, Amazon EBS, Amazon S3, Amazon Glacier, Amazon RDS, Amazon SimpleDB, Amazon SQS, Amazon SNS, AWS Storage Gateway, Amazon DynamoDB, and Amazon VPC.*