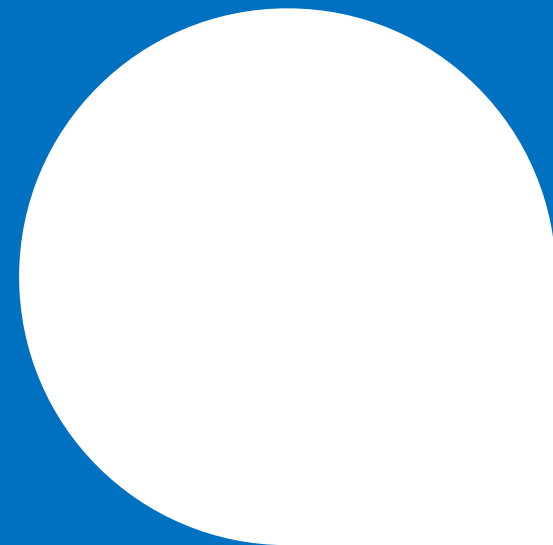


# AWS Elastic Compute Cloud EC2

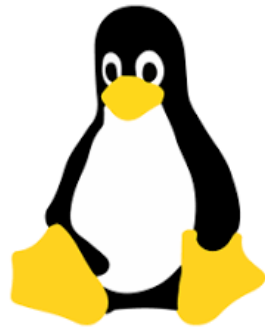
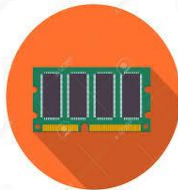
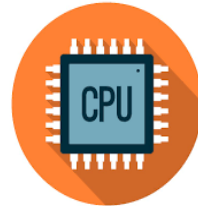


**AWS EC2** - O Amazon **Elastic** Compute Cloud (Amazon EC2) é um serviço que disponibiliza capacidade computacional segura e redimensionável na nuvem.





Instância EC2  
AMI



Linux



Windows

Qtde e Tipo CPU

Qtde Memória RAM

Tam e Tipo disco EBS

Modalidade

On Demand

Reservada

Spot

Dedicado



## Qtde e Tipo CPU

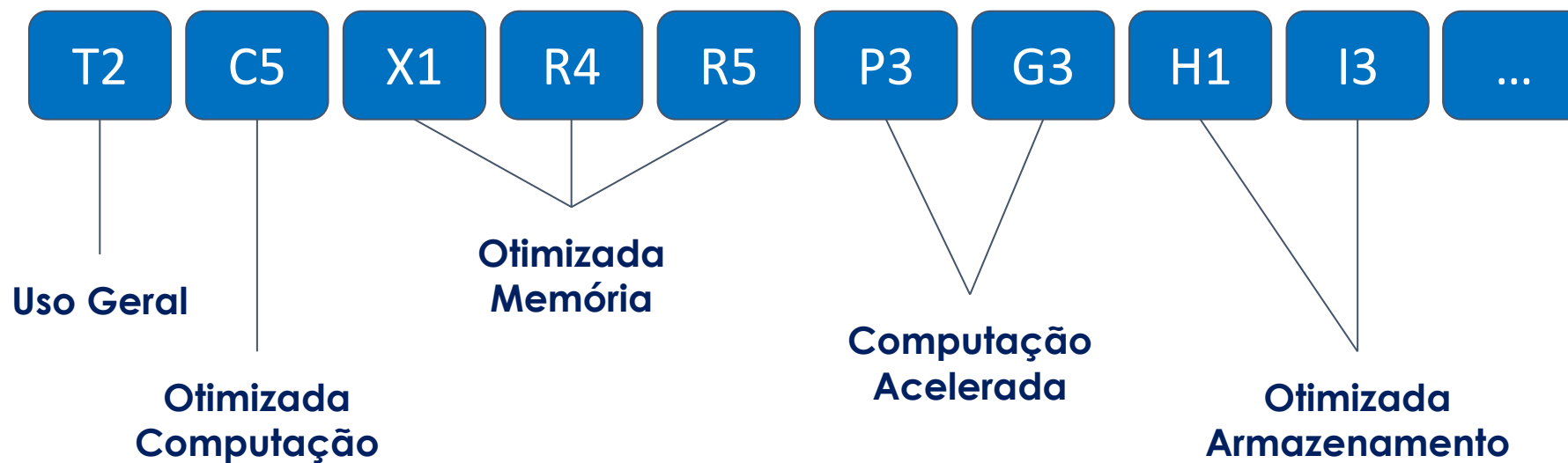
## Qtde Memória RAM

	Family	Type	vCPUs ⓘ	Memory (GiB)	Instance Storage (GB) ⓘ	EBS-Optimized Available ⓘ	Network Performance ⓘ	IPv6 Support ⓘ
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	Memory optimized	r5ad.xlarge	4	32	1 x 150 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	Memory optimized	r5ad.2xlarge	8	64	1 x 300 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	Memory optimized	r5ad.4xlarge	16	128	2 x 300 (SSD)	Yes	Up to 10 Gigabit	Yes
<input type="checkbox"/>	Memory optimized	r5ad.12xlarge	48	384	2 x 900 (SSD)	Yes	10 Gigabit	Yes
<input type="checkbox"/>	Memory optimized	r5ad.24xlarge	96	768	4 x 900 (SSD)	Yes	20 Gigabit	Yes
<input type="checkbox"/>	Memory optimized	r5a.large	2	16	EBS only	Yes	Up to 10 Gigabit	Yes



Qtde e Tipo CPU

Qtde Memória RAM



## Tamanho e Tipo disco EBS

SSD (gp2)

**Uso Geral**  
Ex: Webserver

SSD Prov IOPS (io1)

**Permite definir IOPS**  
Ex: Banco de Dados

Throughput  
Optimized HDD (st1)

**Disco  
Magnetico alta  
Taxa de  
Transferência**  
Ex: BigData

Cold HDD (sc1)

**Arquivo**  
Ex: Archive



## Modalidade

On Demand

Reservada

Spot

Dedicado

Sob Demanda

Pay as you Go

Preços por Hora

T2.micro -> Free Tier

Reserva por 1 ou 3 anos

Descontos de até 75%

Pagamento à vista ou parte à vista parte mensal

Leilão

Cliente define um preço a pagar pela capacidade ociosa da AWS

Se o preço é aceito, instância é provisionada

Servidor Dedicado

Preço por hora

Descontos podem chegar a 70%



