Features	gp2	gp3	io1	io2
Designed Use Cases	• Transactional workloads • Virtual desktops • single-instance databases • Low-latency interactive app • Development and test env	• Same As gp2	• sustained IOPS performance • I/O-intensive database workloads	• Same As io1
Volume Size	1 GB - 16 TiB	1 GB - 16 TiB	4 GB - 16 TiB	4 GB - 16 TiB
Base Performance	3 IOPS/GB	3,000 IOPS Flat	Provisioned up to 64,000	Provisioned up to 64,000
Max IOPS/Volume	16,000 IOPS	16,000 IOPS	64,000 IOPS	64,000 IOPS & 256,000 With Block Express
Max Throughput/Volume	250 MiB/s	125 - 1000 MiB/s	1,000 MiB	1,000 MiB/s & 4000 MiB/s With Block Express
Burst Capability	Yes	No	NO	No
Cost / GB	$102	$81 + IOPS cost	$128 + IOPS Cost	$128+ IOPS Cost
Durability	99.9%	99.9%	99.9%	99.999%
Multi-Attach Capability	No	No	Yes	Yes (with nitro instance)
Configurable IOPS & Throughput	No	Yes	IOPS configurable	IOPS configurable
Boot Volume Support	Yes	Yes	Yes	Yes
Block Express	No	No	No	Yes Sub-millisecond latency

- **io2 Block Express supported with C6a, C6in, C7g, C7gd, C7gn, Inf2, M6a, M6in, M6idn, M7a, M7g, M7gd, M7i, M7i-flex, P5, R5b, R6a, R6in, R6idn, R7a, R7g, R7gd, R7iz, Trn1, Trn1n, X2idn**