

Cloud AutoML Vision

Example Devices & Latencies

The following table shows performance metrics for various devices for each of the three model options for AutoML Vision Edge.

These values should be used for guidance purposes only and not guarantees of performance; your latency values may vary. Actual latency will depend on your target device and environment setup.

This list is also not meant to serve as an exhaustive list of devices supported.

Device	Model option	Latency	Size	Accuracy
Google Pixel 1	Lowest latency	22 milliseconds	557 Kb	Typically lower
	General purpose	65 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	105 milliseconds	5.6 MB	Typically higher
Google Pixel 2 XL	Lowest latency	22 milliseconds	557 Kb	Typically lower
	General purpose	65 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	94 milliseconds	5.6 MB	Typically higher
Samsung Galaxy S7	Lowest latency	22 milliseconds	557 Kb	Typically lower
	General purpose	66 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	102 milliseconds	5.6 MB	Typically higher
Samsung Galaxy Note 3	Lowest latency	38 milliseconds	557 Kb	Typically lower
	General purpose	103 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	148 milliseconds	5.6 MB	Typically higher
LG G6	Lowest latency	20 milliseconds	557 Kb	Typically lower
	General purpose	62 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	93 milliseconds	5.6 MB	Typically higher
iPhone 8 + iOS11	Lowest latency	8 milliseconds	557 Kb	Typically lower

Device	Model option	Latency	Size	Accuracy
	General purpose	23 milliseconds	3.1 MB	Best tradeoff
	Higher accuracy	34 milliseconds	5.6 MB	Typically higher
Edge TPU	Lowest latency	2 milliseconds	858 Kb	Typically lower
	General purpose	3 milliseconds	3.7 MB	Best tradeoff
	Higher accuracy	5 milliseconds	6.8 MB	Typically higher

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