This checklist must be submitted as a PDF as part of your submission.

Please fill in the following table adding lines as necessary:

System Under Test Name	Benchmark	Accuracy/AUC
Syntiant NDP120 at 0.9V/30MHz	KWS	91.1%
Syntiant NDP120 at 0.9V/30MHz	vww	84.8%
Syntiant NDP120 at 0.9V/30MHz	IC	86.0%
Syntiant NDP120 at 1.1V/98MHz	KWS	91.1%
Syntiant NDP120 at 1.1V/98MHz	VWW	84.8%
Syntiant NDP120 at 1.1V/98MHz	IC	86.0%

For each SUT, is the benchmark Accuracy/AUC target met? (Not a requirement for the Open division) (check all that apply):

X Yes (Visual Wake Words ... 80% Accuracy)

X Yes (Keyword Spotting ... 90% Accuracy)

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☐ Yes (Anomaly Detection 0.85 AUC) X Yes (Image Classification 85% Accuracy) X No, for some combination of benchmark, scenario and SUT	
For each SUT and benchmark, did the submission run on the whole validation set in accurac mode? (check one): X Yes No	у
For each SUT and benchmark, does the submission use the EEMBC Runner? (check one) X Yes □ No	
For each SUT and benchmark, is the same code run in accuracy and performance modes? (check one) X Yes No	
Are the weights calibrated using data outside of the official calibration set? (check one) ☐ Yes X No	
What numerics does the submission use? (check all that apply) INT4 X INT8 X INT16 UINT8 UINT16 FP11 FP16 BF16 FP32 Other, please specify:	
What backend does the submission use? (check all that apply) X Vendor backend, please name:Syntiant Interface Library TF-Lite Micro Micro TVM Other, please specify:	

Which of the following caching techniques does the submission use? (check all that apply, ideally none): None

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	Caching Inputs between iterations
	Caching responses between iterations
	Caching intermediate computations between iterations
	h of the following techniques does the submission use? (check all that apply, ideally none if itting to the closed division.)
	Quantization aware training
	Wholesale weight replacement
	Weight supplements
	Discarding non-zero weight elements
	l Pruning
	Modifying weights during the timed portion of an inference run
	Hard coding the total number of queries
	None of the above
	submission congruent with all relevant MLPerf rules? Yes
	ı No
If the	answer to the above question is no, please explain:
Χ	ach SUT, have you filled out the JSON system description file? Yes I No
X	ach SUT, does the submission accurately reflect the real-world performance of the SUT? Yes No
	your submission include the following: (check all that apply) System description file