		Methods	Sub-Methods	On ASICs	On FPGAs
5.1 AISC &			5.1.1.1 Weight-only	GOBO, FIGNA, MECLA	EdgeLLM
		5.1.1 Quantization	5.1.1.2 Weight-Activation	Mokey, OliVe, OPAL, SPARK, Tender, Li et al. 2024f [1], Yu et al. 2024a [2]	Hur et al. 2023 [3], HLSTransform, SECDA- LLM, Chen et al. 2024a [4], FlightLLM, LNS-LLM
			5.1.2.1 Sparse Attention	A3, ELSA, Sanger, SpAtten, FACT, SALO2, ASADI, ALISA, SOFA	
		5.1.2 Sparsity  5.1.3 Operator	5.1.2.2 Sparse Model	TF-MVP, Edge-LLM, BBS, FEASTA	FlightLLM, EdgeLLM
	, FPGA		5.1.3.1 Operator Fusion	8bit-Transformer, LPU	FlightLLM
3.1 AI3C &			5.1.3.2 Nonlinear Operators	8bit-Transformer, Consmax	
			5.1.3.3 Storage Optimization	Atalanta	
			5.1.3.4 Matrix Multiplication	Cambricon-C	
			5.1.4.1 PE Array	Sanger, SALO2, MECLA, Trapezoid, BBS	LNS-LLM
		5.1.4 Architecture	5.1.4.2 Specific Module	SpAtten, FACT, OPAL, Base- 2 Softmax	
			5.1.4.3 Memory Storage	FACT	
			5.1.4.4 Multi-device	Cambricon-LLM	DFX