



Tachyum Prodigy® Family SKU Summary

Tachyum's Prodigy is the first Universal Processor combining General Purpose Computing, High Performance Computing (HPC), Artificial Intelligence, Deep Machine Learning, Explainable AI, Bio AI, and other AI disciplines within a single chip. It allows for a simple programming model and environment based on a coherent multiprocessor architecture.

The Prodigy Family encompasses multiple product SKUs that address a wide array workloads, providing the same high performance and efficiency for applications that range from exascale supercomputers to Big AI, hyperscale data centers, and edge servers. The below table summarizes the Prodigy Family SKUs and features.

Workload Characteristics	SKUs	Cores	Frequency (GHz)	DDR5 Controllers	PCIe 5.0 Lanes	TDP (est.)	Peak Performance	
							AI (FP8*)	HPC (DP)
HPC/AI Top-End	T16192-AIX	192	5.7	16 x 7200+	96	950W	24 PF	90 TF
HPC/AI Mid-Range	T16192-AIM	192	4.5	16 x 7200+	96	700W	19 PF	74 TF
HPC/AI Entry-Level	T16192-AIE	192	4.0	16 x 7200+	96	600W	16.8 PF	65.5 TF
Throughput	T16192-HT	192	4.5	16 x 6400	96	300W	4.7 PF	18 TF
Speed	T896-HS	96	5.7	8 x 6400	48	300W	6 PF	23 TF
Efficiency	T896-HT	96	4.5	8 x 6400	48	300W	2.4 PF	9.2 TF
Entry Level Speed	T896-HS	48	5.7	8 x 6400	48	300W	3 PF	12 TF
Lowest Power	T896-LP	48	3.2	8 x 4800	48	150W	800 TF	3.3 TF

*With SuperSparsity

A single processor
that delivers industry leading performance



Target Applications



HPC, Big AI



Exascale Supercomputers



Big Data



Cloud



Edge Computing



Storage



Databases



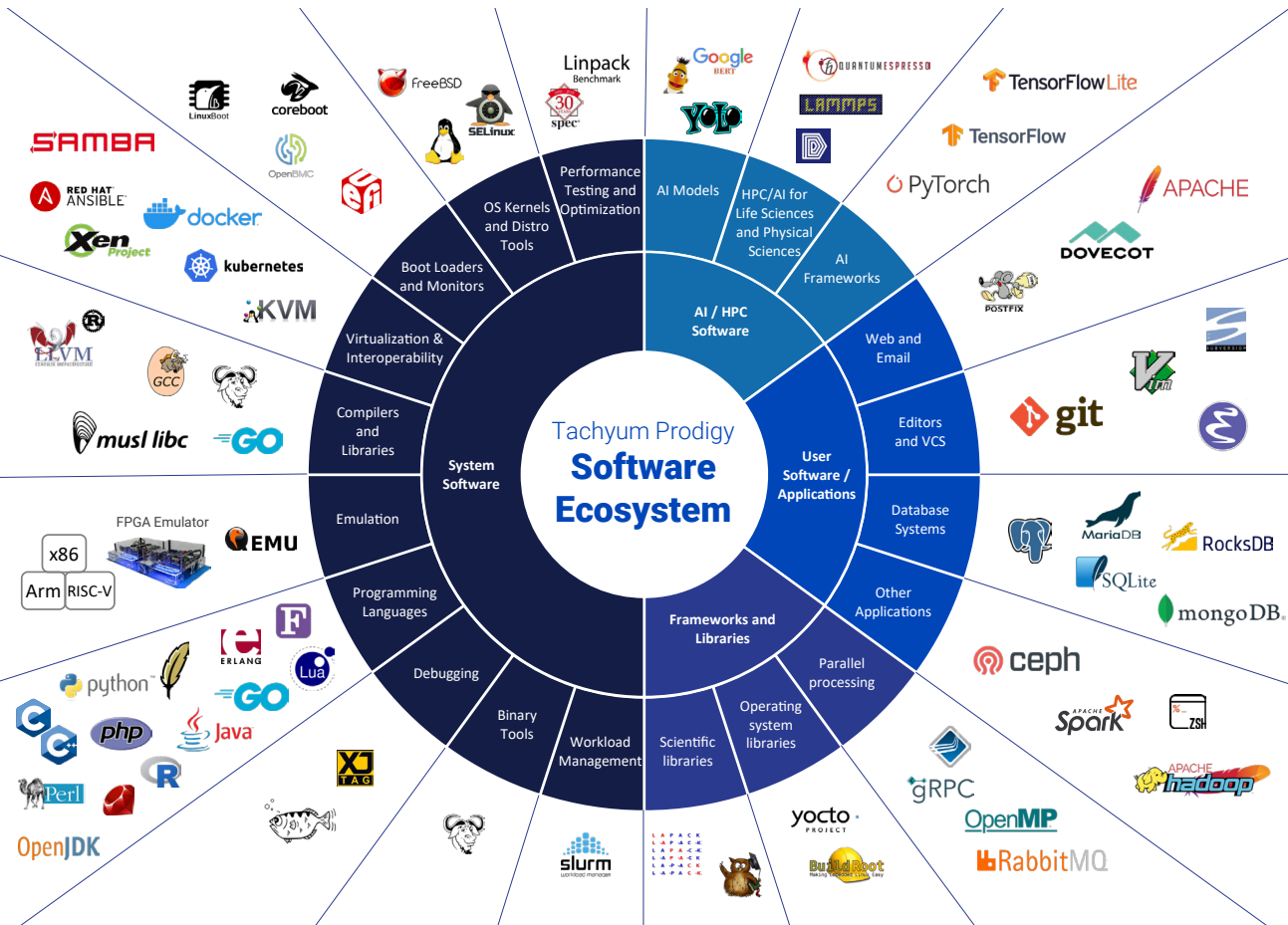
Data Analytics



Web Hosting

Prodigy Software Ecosystem

Prodigy has a rich ecosystem of development tools, operating systems, application software, and software libraries to enable fast, easy development and quick time to market.



Complete Software Ecosystem at tachyum.com/sw