



Performance World Records

Last updated: 4/27/2020

A+ Servers	AMD EPYC™	Significance	Segment	Workload (metric)	Score
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7502	2-socket, 16-node world record at 10TB (Bare metal Cluster)	Big Data Analytics	TPC Benchmark® DS @ 10TB (QphDS@10TB)	4,418,054
Supermicro® A+ TwinPro™ AS-2123BT-HNCOR	7502	overall price-performance world record at 10TB (Bare metal Cluster)	Big Data Analytics	TPC Benchmark® DS @ 10TB (QphDS@10TB)	\$ 0.12
Supermicro® A+ TwinPro™ AS-2014TP-HTR	7F72	overall price-performance world record	Big Data Analytics	TPC® Express Benchmark IoT (IoTps)	\$ 0.18
Supermicro® A+ TwinPro™ AS-2014TP-HTR	7F72	Overall world record	Big Data Analytics	TPC® Express Benchmark IoT (IoTps)	2,480,918
Supermicro® A+ WIO Server with H12SSW-iN	7742	1-socket world record	SDI/Enterprise	SPECjbb® 2015-Composite Critical (SPECjbb®2015-Composite critical-jOPS)	140,780
Supermicro® A+ WIO Server with H12SSW-iN	7742	1-socket world record on Linux®	SDI/Enterprise	SPECjbb® 2015-Composite Critical (SPECjbb®2015-Composite critical-jOPS)	140,780
Supermicro® A+ WIO Server with H12SSW-iN	7742	1-socket world record	SDI/Enterprise	SPECjbb® 2015-Composite Max (SPECjbb®2015-Composite max-jOPS)	169,598
Supermicro® A+ WIO Server with H12SSW-iN	7742	1-socket world record on Linux®	SDI/Enterprise	SPECjbb® 2015-Composite Max (SPECjbb®2015-Composite max-jOPS)	169,598
Supermicro® A+ BigTwin™ AS-2124BT-HTR	7742	2-socket, 4-node world record	SDI/Enterprise	SPECjbb® 2015-Distributed Critical (SPECjbb®2015-Distributed critical-jOPS)	940,984
Supermicro® A+ BigTwin™ AS-2124BT-HTR	7742	2-socket, 4-node world record on Linux®	SDI/Enterprise	SPECjbb® 2015-Distributed Critical (SPECjbb®2015-Distributed critical-jOPS)	940,984
Supermicro® A+ SuperBlade SBA-4119S-C2N	7702P	overall world record	SDI/Enterprise	SPECjbb® 2015-Distributed Critical (SPECjbb®2015-Distributed critical-jOPS)	1,416,967
Supermicro® A+ BigTwin™ AS-2124BT-HTR	7742	2-socket, 4-node world record	SDI/Enterprise	SPECjbb® 2015-Distributed Max (SPECjbb®2015-Distributed max-jOPS)	1,231,090
Supermicro® A+ BigTwin™ AS-2124BT-HTR	7742	2-socket, 4-node world record on Linux®	SDI/Enterprise	SPECjbb® 2015-Distributed Max (SPECjbb®2015-Distributed max-jOPS)	1,231,090
Supermicro® A+ SuperBlade SBA-4119S-C2N	7702P	overall world record	SDI/Enterprise	SPECjbb® 2015-Distributed Max (SPECjbb®2015-Distributed max-jOPS)	2,998,803
Supermicro® A+ Ultra AS-1123US-TR4	7702	2-socket (1U) world record on Windows®	SDI/Enterprise	SPECpower_ssj® 2008 (overall ssj_ops/watt)	19,391
Supermicro® A+ Ultra AS-1123US-TR4	7742	2-socket world record	SDI/Enterprise	SPECpower_ssj® 2008 (overall ssj_ops/watt)	19,391
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	Overall world record	Compute Intensive	SPEC CPU2017 Integer Point Rate	6200
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	24-socket world record	Compute Intensive	SPEC CPU2017 Integer Point Rate	5240
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	16-socket world record	Compute Intensive	SPEC CPU2017 Integer Point Rate	3800
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	8-socket world record	Compute Intensive	SPEC CPU2017 Integer Point Rate	2030
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	4-socket world record	Compute Intensive	SPEC CPU2017 Integer Point Rate	1040
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	Overall world record	Compute Intensive	SPEC CPU2017 Floating Point Rate	5590
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	24-socket world record	Compute Intensive	SPEC CPU2017 Floating Point Rate	4510
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	16-socket world record	Compute Intensive	SPEC CPU2017 Floating Point Rate	3120
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	8-socket world record	Compute Intensive	SPEC CPU2017 Floating Point Rate	1550
Supermicro® A+ BigTwin™ AS-2123BT-HNCOR	7702	4-socket world record	Compute Intensive	SPEC CPU2017 Floating Point Rate	806

Supermicro® A+ Servers with the latest 2nd Gen AMD EPYC processors have achieved a multitude of world records in various categories