



# QUICK REFERENCE GUIDE: AMD RYZEN™ THREADRIPPER™ 9000 SERIES



## AMD RYZEN™ THREADRIPPER™ PRO 9000 WX-SERIES PROCESSORS (SOCKET sTR5)

Model	Socket	Cores / Threads	Frequency Boost <sup>1</sup> (up to) / Base	L3 Cache	Memory Channels	TDP	PCIe 5.0 Lanes	AMD PRO Technologies	Compared to <sup>2</sup>	Model	Socket	Cores / Threads	Frequency Boost/Base	Smart Cache	Memory Channels	TDP	PCIe 5.0 Lanes	Intel vPro
AMD Ryzen™ Threadripper™ PRO 9995WX	sTR5	96/192	5.4/2.5GHz	384MB	8	350W	128	✓	➡	Intel® Xeon® w9-3595X	FCLGA4677	60/120	2.0/4.8GHz	112.5MB	8	385W	112	YES
AMD Ryzen™ Threadripper™ PRO 9985WX	sTR5	64/128	5.4/3.2GHz	256MB	8	350W	128	✓	➡	Intel® Xeon® w9-3595X	FCLGA4677	60/120	2.0/4.8GHz	112.5MB	8	385W	112	YES
AMD Ryzen™ Threadripper™ PRO 9975WX	sTR5	32/64	5.4/4.0GHz	128MB	8	350W	128	✓	➡	Intel® Xeon® w9-3575X	FCLGA4677	44/88	2.2/4.8GHz	97.5MB	8	340W	112	YES
AMD Ryzen™ Threadripper™ PRO 9965WX	sTR5	24/48	5.4/4.2GHz	128MB	8	350W	128	✓	➡	Intel® Xeon® w7-3555	FCLGA4677	28/56	2.7/4.8GHz	75MB	8	325W	112	YES
AMD Ryzen™ Threadripper™ PRO 9955WX	sTR5	16/32	5.4/4.5GHz	64MB	8	350W	128	✓	➡	Intel® Xeon® w5-3535X	FCLGA4677	20/40	4.8/2.9GHz	52.5MB	8	300W	112	YES
AMD Ryzen™ Threadripper™ PRO 9945WX	sTR5	12/24	5.4/4.7GHz	64MB	8	350W	128	✓	➡	Intel® Xeon® w5-3525	FCLGA4677	16/32	3.2/4.8GHz	45MB	8	290W	112	YES

## AMD RYZEN™ THREADRIPPER™ 9000 SERIES PROCESSORS (SOCKET sTR5)

Model	Socket	Cores / Threads	Frequency Boost <sup>1</sup> (up to) / Base	L3 Cache	Memory Channels	TDP	PCIe 5.0 Lanes	AMD PRO Technologies	Compared to <sup>2</sup>	Model	Socket	Cores / Threads	Frequency Boost/Base	Smart Cache	Memory Channels	TDP	PCIe 5.0 Lanes	Intel vPro
AMD Ryzen™ Threadripper™ 9980X	sTR5	64/128	5.4/3.2GHz	256MB	4	350W	80	N/A	➡	Intel® Xeon® w9-3595X	FCLGA4677	60/120	2.0/4.8GHz	112.5MB	8	385W	112	YES
AMD Ryzen™ Threadripper™ 9970X	sTR5	32/64	5.4/4.0GHz	128MB	4	350W	80	N/A	➡	Intel® Xeon® w9-3575X	FCLGA4677	44/88	2.2/4.8GHz	97.5MB	8	340W	112	YES
AMD Ryzen™ Threadripper™ 9960X	sTR5	24/48	5.4/4.2GHz	128MB	4	350W	80	N/A	➡	Intel® Xeon® w7-3555	FCLGA4677	28/56	2.7/4.8GHz	75MB	8	325W	112	YES

1. Max boost for AMD Ryzen, Ryzen Pro, Ryzen Threadripper, Threadripper Pro, and Athlon processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates. GD-150

2. This chart illustrates competitive product positioning, is not necessarily an indication of relative performance and may not be to scale for any performance metric. GD-75

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