



# AMD RYZEN™ THREADRIPPER™ 7000 SERIES

## QUICK REFERENCE GUIDE



### AMD Ryzen™ Threadripper™ PRO 7000 WX-SERIES Processors (Socket sTR5)

	Socket	Core /Threads	Up to Boost <sup>1</sup> /Base	L3 Cache	Memory Channels	TDP	PCIe 5.0 Lanes	AMD PRO technologies	Compared to <sup>2</sup>	Socket	Core /Threads	Frequency Boost/Base	Smart Cache	Memory Channels	TDP	PCIe 5.0 Lanes	Intel vPro	
AMD Ryzen™ Threadripper™ PRO 7995WX	sTR5	<b>96/192</b>	5.1/2.5GHz	384MB	8	350W	128	✓	→	Intel® Xeon® w9-3495	FCLGA4677	<b>56/112</b>	1.9/4.8GHz	105MB	8	350W	112	YES
AMD Ryzen™ Threadripper™ PRO 7985WX	sTR5	<b>64/128</b>	5.1/3.2GHz	256MB	8	350W	128	✓	→	Intel® Xeon® w9-3495	FCLGA4677	<b>56/112</b>	1.9/4.8GHz	105MB	8	350W	112	YES
AMD Ryzen™ Threadripper™ PRO 7975WX	sTR5	<b>32/64</b>	5.3/4.0GHz	128MB	8	350W	128	✓	→	Intel® Xeon® w9-3475	FCLGA4677	<b>36/72</b>	2.2/4.8GHz	82.5MB	8	300W	112	YES
AMD Ryzen™ Threadripper™ PRO 7965WX	sTR5	<b>24/48</b>	5.3/4.2GHz	128MB	8	350W	128	✓	→	Intel® Xeon® w7-3455	FCLGA4677	<b>24/48</b>	2.5/4.8GHz	67.5	8	270W	112	YES

### AMD Ryzen™ Threadripper™ 7000 SERIES Processors (Socket sTR5)

	Socket	Core /Threads	Up to Boost <sup>1</sup> /Base	L3 Cache	Memory Channels	TDP	PCIe 5.0 Lanes	AMD PRO technologies	Compared to <sup>2</sup>	Socket	Core /Threads	Frequency Boost/Base	Smart Cache	Memory Channels	TDP	PCIe 5.0 Lanes	Intel vPro	
AMD Ryzen™ Threadripper™ 7980X	sTR5	<b>64/128</b>	5.1/3.2GHz	256MB	4	350W	48	No	→	Intel® Xeon® w9-3495	FCLGA4677	<b>56/112</b>	1.9/4.8GHz	105MB	8	350W	112	No
AMD Ryzen™ Threadripper™ 7970X	sTR5	<b>32/64</b>	5.3/4.0GHz	128MB	4	350W	48	No	→	Intel® Xeon® w9-3475	FCLGA4677	<b>36/72</b>	2.2/4.8GHz	82.5MB	8	300W	112	No
AMD Ryzen™ Threadripper™ 7960X	sTR5	<b>24/48</b>	5.3/4.2GHz	128MB	4	350W	48	No	→	Intel® Xeon® w7-3455	FCLGA4677	<b>24/48</b>	2.5/4.8GHz	67.5	8	270W	112	No

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