

RECOMMENDED PSU TABLE

Please see the chart below for PSU recommendations. It makes it very evident how much power the associated GPUs and CPUs are using. With this knowledge, you should be able to select the most fitting power supply units for your components.

NVIDIA RTX 50 Series

		Core Ultra 5	Core Ultra 7	Core Ultra 9	AI/ Intel HEDT
		Ryzen 9000 R5	Ryzen 9000 R7/ X3D	Ryzen 9000 R9/ X3D	AI/ AMD TR
RTX 5090	Recommend (OC)	1250W	1300W	1600W	1600W
	Standard (Gaming)	1000W			
RTX 5080	Recommend (OC)	850W	1000W	1000W	1300W
	Standard (Gaming)	850W			
RTX 5070 Ti	Recommend (OC)	750W	850W	1000W	1250W
	Standard (Gaming)	750W			
RTX 5070	Recommend (OC)	750W	850W	850W	1000W
	Standard (Gaming)	650W			
RTX 5060 Ti	Recommend (OC)	650W	750W	850W	850W
	Standard (Gaming)	600W			
RTX 5060	Recommend (OC)	600W	650W	750W	750W
	Standard (Gaming)	550W			
RTX 5050	Recommend (OC)	600W	650W	750W	750W

	Standard (Gaming)	550W
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*Recommend: For real-world system power for OC requirement.

*Core Ultra #K, # = 5/7/9, Ryzen 9000 R#, #=5/7/9

AMD RX 9000 Series

		Core Ultra 5	Core Ultra 7	Core Ultra 9	AI/ Intel HEDT
		Ryzen 9000 R5	Ryzen 9000 R7/ X3D	Ryzen 9000 R9/ X3D	AI/ AMD TR
RX 9070 XT	Recommend (OC)	750W	850W	1000W	1000W
	Standard (Gaming)	750W	750W	850W	850W
RX 9070	Recommend (OC)	650W	750W	850W	850W
	Standard (Gaming)	650W	650W	750W	750W
RX 9060 XT	Recommend (OC)	550W	650W	750W	750W
	Standard (Gaming)	500W	500W	600W	600W
RX 9060	Recommend (OC)	550W	650W	750W	750W
	Standard (Gaming)	500W	500W	600W	600W

*Recommend: For real-world system power for OC requirement.

*Core Ultra #K, # = 5/7/9, Ryzen 9000 R#, #=5/7/9

*Please select a 1000W power supply model from the G or GL PCIE5 series.

NVIDIA RTX 40 Series

	Intel i5 AMD R5	Intel i7 AMD R7	Intel i9 AMD R9	Intel HEDT AMD ThreadRipper
NVIDIA RTX 4090	850W	1000W	1250W	1300W
NVIDIA RTX 4080 Super	750W	850W	850W	1250W
NVIDIA RTX 4080	750W	850W	850W	1250W

NVIDIA RTX 4070 Ti Super	750W	850W	850W	1000W
NVIDIA RTX 4070 Ti	750W	850W	850W	1000W
NVIDIA RTX 4070 Super	650W	750W	750W	850W
NVIDIA RTX 4070	650W	750W	750W	850W
NVIDIA RTX 4060 Ti	550W	650W	650W	750W
NVIDIA RTX 4060	550W	550W	550W	650W

NVIDIA RTX 30 Series

	Intel i5 AMD R5	Intel i7 AMD R7	Intel i9 AMD R9	Intel HEDT AMD ThreadRipper
NVIDIA RTX 3090 Ti	850W	1000W	1000W	1300W
NVIDIA RTX 3090	750W	850W	850W	1000W
NVIDIA RTX 3080 Ti	750W	850W	850W	1000W
NVIDIA RTX 3080	750W	850W	850W	1000W
NVIDIA RTX 3070 Ti	650W	750W	750W	850W
NVIDIA RTX 3070	650W	650W	750W	850W
NVIDIA RTX 3060 Ti	550W	650W	750W	750W
NVIDIA RTX 3060	550W	550W	650W	750W
NVIDIA RTX 3050	550W	550W	550W	650W

AMD RX 7900 Series

	Intel i5 AMD R5	Intel i7 AMD R7	Intel i9 AMD R9	Intel HEDT AMD ThreadRipper
AMD RX 7900 XTX	850W	1000W	1000W	1300W
AMD RX 7900 XT	750W	850W	850W	1000W
AMD RX 7800 XT	650W	750W	750W	850W
AMD RX 7700 XT	650W	750W	750W	850W