



















**2025 XPG PSU &
RTX 50 GPU
COMPATIBILITY
TABLE**



RECOMMENDED XPG PSU & GRAPHICS CARDS

RECOMMENDED XPG PSU	MINIMUM + SUGGESTED GPU WATTAGE	 GEFORCE RTX	
 FUSION 1600W  CYBERCORE II 1300W / 1000W  CORE REACTOR II 1200W / 1000W	1000W	NEW  GeForce RTX 5090  GeForce RTX 4090	 Radeon RX 7900 XTX
NEW  CORE REACTOR II 850W  CORE REACTOR II VE 850W  KYBER 850W	850W	NEW  GeForce RTX 5080  GeForce RTX 4080 NEW  GeForce RTX 5070 Ti  GeForce RTX 4070 Ti	 Radeon RX 7900 XT  Radeon RX 7800 XT (750W)  Radeon RX 7700 XT (750W)
NEW  CORE REACTOR II VE 750W / 650W  CORE REACTOR II 750W / 650W  KYBER 750W / 650W COMING SOON  PYLON II 750W / 650W  NEW PROBE 700W	650W	NEW  GeForce RTX 5070  GeForce RTX 4070  GeForce RTX 4060 Ti  GeForce RTX 4060 (550W)	 Radeon RX 7600 XT (750W)  Radeon RX 7600

RECOMMENDED PSU VS CPU / GPU WATTAGE SPECTRUM

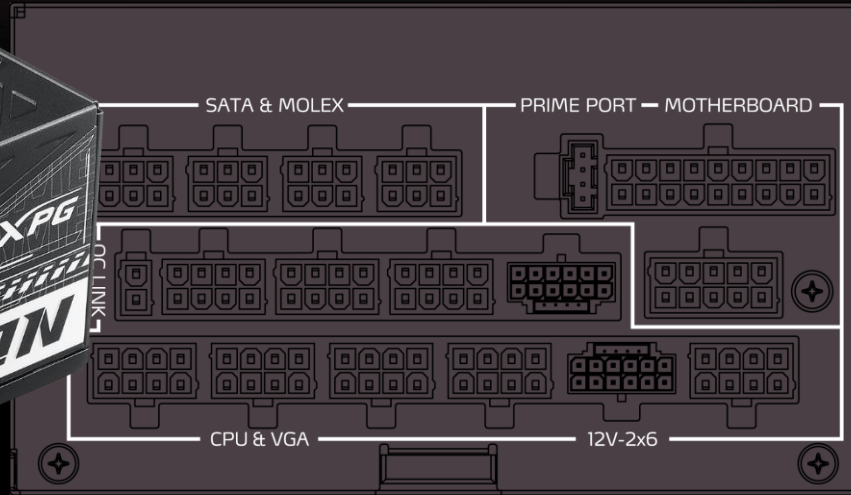
GPU \ CPU	Intel Core-i5/ AMD Ryzen 5	Intel Core-i7/ AMD Ryzen 7	Intel Core-i9/ AMD Ryzen 9
RTX 5090	1000W	1000W	1000W
RTX 5080	850W	850W	850W
RTX 5070 Ti	650W	850W	850W
RTX 5070	650W	650W	650W
RTX 4090	850W	1000W	1000W
RTX 4080 Super	750W	750W	850W
RTX 4080	750W	750W	850W
RTX 4070 Ti Super	750W	750W	750W
RTX 4070 Ti	650W	750W	850W
RTX 4070 Super	750W	850W	1000W
RTX 4070	550W	650W	650W
RTX 4060 Ti	550W	550W	650W
RTX 4060	550W	550W	550W



*If you're using high power consumption memory and/or motherboards, it is recommended that you manually calculate their power needs separately.

BEST XPG PSU FOR RTX 5090

FUSION 1600W

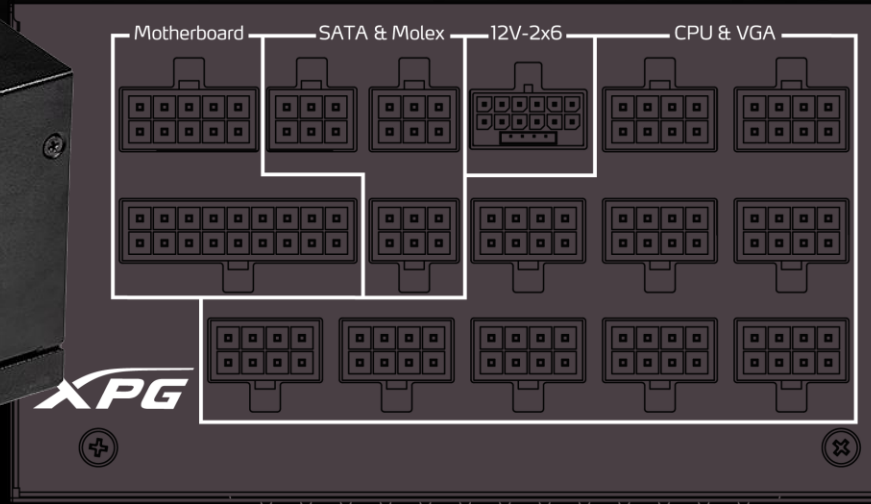


2x 600W 12V-2x6
12+4Pin Cables

Model	FUSION1600TITANIUM									
AC Input	(1) 100-240V, 47-63Hz, 15A/8A (2) 115-240V, 47-63Hz, 15A/8A									
DC Output	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	+12V5	+12V6	-12V	+5Vsb
Output Current	20A	20A	50A	50A	50A	50A	50A	50A	0.3A	3.5A
Output Wattage	120W		1600W					3.6W		17.5W
Total Continuous Power	(1) 1300W (2) 1600W									

BEST XPG PSU FOR RTX 5090

CYBERCORE II 1300W

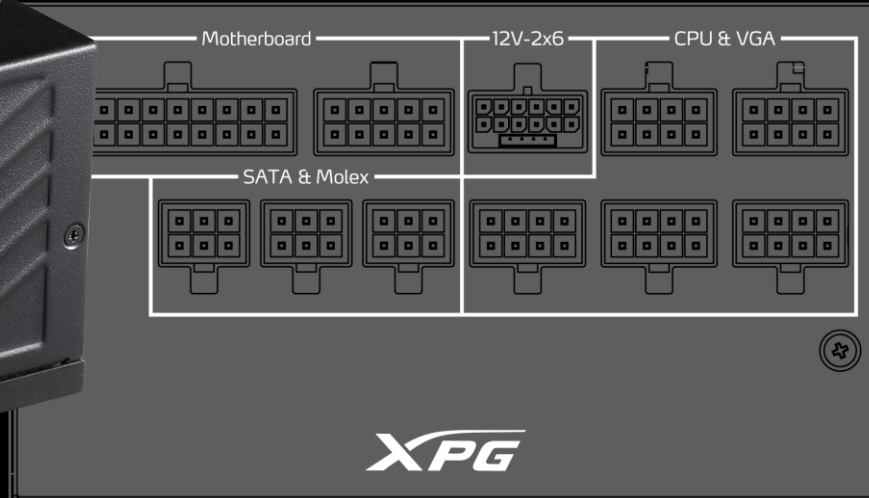


1x 600W 12V-2x6
12+4Pin Cable

Model	CYBERCOREII1300PLATINUM				
AC Input	100-240VAC,50-60Hz, 15A				
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb
Output Current	25A	25A	108.33A	0.3A	3A
Output Wattage	130W		1300W	3.6W	15W
Total Continuous Power	1300W				

BEST XPG PSU FOR RTX 5090

CORE REACTOR II 1000W

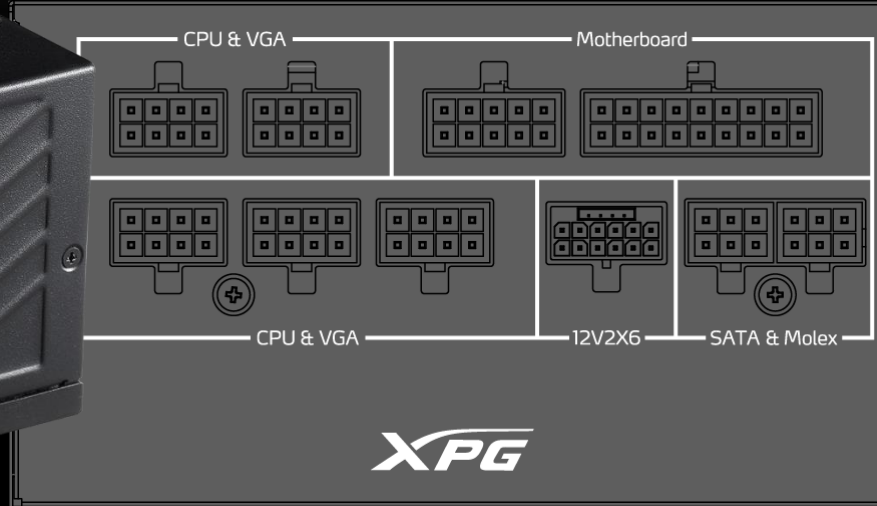


1x 600W 12V-2x6
12+4Pin Cable

Model	COREREACTORII1000GOLD				
AC Input	100-240VAC, 50-60Hz, 13A 200-240VAC, 50-60Hz, 6.5A				
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb
Output Current	22A	22A	83.5A	0.3A	3A
Output Wattage	120W		1000W	3.6W	15W
Total Continuous Power	1000W				

BEST XPG PSU FOR RTX 5080 & 5070 Ti

CORE REACTOR II 850W

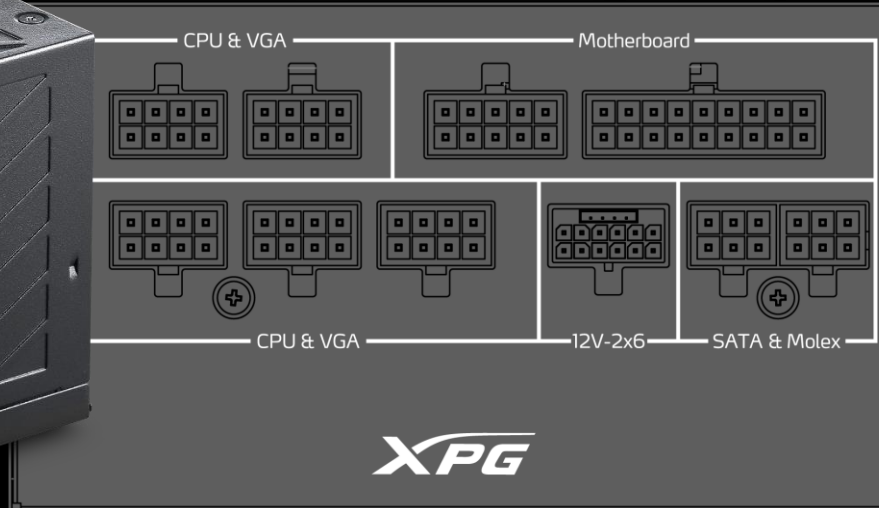


1x 600W 12V-2x6
12+4Pin Cable

Model	COREREACTORII850GOLD				
AC Input	100-240VAC, 47-63Hz, 12A-6A				
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb
Output Current	22A	22A	70.8A	0.3A	3A
Output Wattage	120W		850W	3.6W	15W
Total Continuous Power	850W				

BEST XPG PSU FOR RTX 5070

CORE REACTOR II VE 750W



1x 600W 12V-2x6
12+4Pin Cable

Model	COREREACTORIIVE750GOLD				
AC Input	100-240VAC, 47-63Hz, 10A-5A				
DC Output	+5V	+3.3V	+12V	-12V	+5Vsb
Output Current	22A	22A	62.5A	0.3A	3A
Output Wattage	120W		750W	3.6W	15W
Total Continuous Power	750W				

REQUIRED PCIe GEN 5 POWER CONNECTORS

Required PCIe Gen 5 Power Connectors:
600 W PCIe Gen 5 cable

NEW



GeForce RTX 5090



Required PCIe Gen 5 Power Connectors:
450W or greater PCIe Gen 5 cable

NEW



GeForce RTX 5080



GeForce RTX 4090



GeForce RTX 4080

Required PCIe Gen 5 Power Connectors:
300W or greater PCIe Gen 5 cable

NEW



GeForce RTX 5070 Ti



GeForce RTX 4070 Ti

NEW



GeForce RTX 5070



GeForce RTX 4070









GeForce RTX 4060 Ti






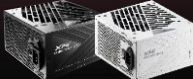














GeForce RTX 4060

UTILIZE XPG 600W-GRADE PCIE GEN 5 CABLES

POWER SUPPLY SERIES							NEW 						
PRODUCT NAME	FUSION	CYBERCORE II		CORE REACTOR II			CORE REACTOR II VE			KYBER			
AVAILABLE WATTAGE	1600W	1300W	1000W	1200W	1000W	850W	750W	650W	850W	750W	650W	850W	750W
GPU POWER CABLE TYPE	12V-2x6												
12V-2X6 CONNECTOR QTY	2	1	1	1	1	1	1	1	1	1	1	1	1
AVAILABLE WATTAGE FOR GPU	600W	600W	600W	600W	600W	600W	600W	450W	600W	600W	450W	600W	600W

Most of the XPG ATX 3.1 & 3.0 PSUs come with **600W PCIe Gen 5 cable**, ensuring stable and efficient performance for the NVIDIA GeForce RTX-50 GPUs!




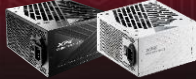






















DESIGNED FOR XTREME 235% POWER EXCURSION TOLERANCE

POWER SUPPLY SERIES								NEW 							
PRODUCT NAME		FUSION	CYBERCORE II		CORE REACTOR II			CORE REACTOR II VE			KYBER				
AVAILABLE WATTAGE		1600W	1300W	1000W	1200W	1000W	850W	750W	650W	850W	750W	650W	850W	750W	650W
CERTIFICATION		 	 				 				 	 	 		
POWER EXCURSION	200% (min.requirement)	•	•	•	•	•	•	•	•	•	•	•	•	•	-
	235% (XPG standard)	•	•	•	•	•	•	•	•	•	•	•	•	•	-

































Intel ATX 3.0 design guide specifies 200% power excursion.

XPG ATX 3.1 & 3.0 PSUs are designed with 235% tolerance!










DESIGNED FOR XTREME SAFETY WITH 8X INDUSTRIAL-GRADE PROTECTIONS

POWER SUPPLY SERIES							NEW 							
PRODUCT NAME	FUSION	CYBERCORE II		CORE REACTOR II			CORE REACTOR II VE			KYBER				
AVAILABLE WATTAGE	1600W	1300W	1000W	1200W	1000W	850W	750W	650W	850W	750W	650W	850W	750W	650W
CERTIFICATION	 	 				 			 			 	 	
OPP (Over Power Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SCP (Short Circuit Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OVP (Over Voltage Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OTP (Over Temperature Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
No-Load Situation 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OCP (Over Current Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UVP (Under Voltage Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SIP (Surge & Inrush Protection) 	•	•	•	•	•	•	•	•	•	•	•	•	•	•

XPG POWER SUPPLY UNITS OVERVIEW

POWER SUPPLY SERIES															
PRODUCT NAME	FUSION	CYBERCORE II		CORE REACTOR II			CORE REACTOR II VE			KYBER					
AVAILABLE WATTAGE	1600W	1300W	1000W	1200W	1000W	850W	750W	650W	850W	750W	650W	850W	750W	650W	
CERTIFICATION	 	 	 	 	 	 									
CYBENETICS NOISE															
ATX STANDARD	3.1 (ALSO COMPATIBLE WITH ATX 3.0)								3.1	3.1	3.1	3.1	3.1	2.4	
GPU POWER CABLE TYPE	12V-2x6													PCI-E 6+2	
POWER EXCURSION	235%													-	
12V-2X6 CONNECTOR QTY	2	1	1	1	1	1	1	1	1	1	1	1	1	-	
AVAILABLE WATTAGE FOR GPU	600W	600W	600W	600W	600W	600W	600W	450W	600W	600W	450W	600W	600W	-	
WARRANTY	12 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	7 Years	7 Years	7 Years	5 Years	5 Years	5 Years

XPG POWER SUPPLY UNITS OVERVIEW

POWER SUPPLY SERIES				NEW 	
PRODUCT NAME	PYLON			PROBE	
AVAILABLE WATTAGE	750W	650W	550W	700W	600W
CERTIFICATION			 		
CYBENETICS NOISE				-	-
ATX STANDARD	2.4	2.4	2.4	2.52	2.52
GPU POWER CABLE TYPE	PCI-E 6+2				
PCI-E 6+2 Connector QTY	4	4	2	2	2
WARRANTY	5 Years	5 Years	5 Years	3 Years	3 Years

DISCLAIMER

- ▶ This document is intended for XPG internal use only.
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GAME TO THE XTREME