THOR ZONE

NANOQ R

CUSTOM CABLES FOR CORSAIR SF600/SF750

DISCLAIMER

THIS GUIDE IS ONLY COMPATIBLE WITH COSAIR SF600 AND SF750 POWER SUPPLIES (PSUs)!

Creating custom power supply cables can pose significant risks. It's crucial to exercise utmost care when following this guide to avoid damaging your hardware or creating a potential fire hazard. Please note that we cannot take responsibility for any damage resulting from following this guide. Therefore, it's essential to be extremely cautious and meticulously check your work multiple times. If you ever feel uncertain at any stage, stop immediately and seek assistance — numerous forums exist where experienced individuals can examine your work and offer guidance.

RECOMMENDATIONS

TOOLS

- Crimping tool
- Wire stripper
- Molex pin remover
- Multimeter
- Reference / stock cables (they will come in handy when verifying your finished custom cables with a multimeter)

WHERE TO BUY CABLE MATERIALS AND TOOLS

- MDPC-X: cable-sleeving.com
- MAINFrameCustoms: mainframecustom.com
- CoolerKit: coolerkit.com
- PCCaseGear: pccasegear.com

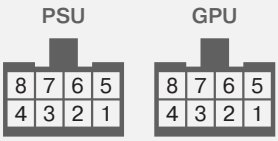
OR LEAVE IT TO THE PROFESSIONALS

If you're open to spending a bit more, we highly recommend sending this document to one of the custom cable vendors listed below. This way, your cables will be crafted by experienced professionals, ensuring better quality and significantly reducing the risk to your hardware.

- Bespoke Baka: bespokebaka.com
- PSLATECustoms: pslatecustoms.com
- CABLEMOD: cablemod.com
- BeyondCustoms: beyondcustoms.net
- SoloSleeving: solosleeving.com
- EndgameCustoms: endgamecustoms.com

8-PIN GPU CABLE

CONNECTOR PIN ASSIGNMENT



NOTE

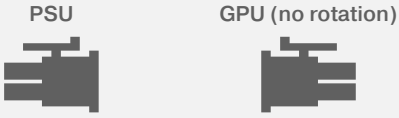
The connector housings are illustrated from the back, where the wire pins are inserted. Usually, you'll find the numbers stamped into the plastic housings.

If you're unsure, do not proceed; incorrect wiring can destroy your hardware!

MEASUREMENTS

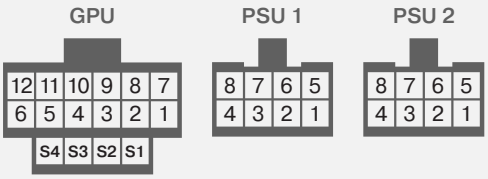
PSU	GPU	LENGTH (CM)	NOTES
1	3	23	
3	2	23	
4	1	23	
5	4	23	Double wire — PSU pin (5) connects to GPU pins (4) and (8)
5	8	23.5	
6	7	23	
7	6	23	
8	5	23	

MINIMUM WIRE LENGTH: 184.5 cm
RECOMMENDED WIRE GAUGE: 16-17 AWG
SLEEVING MATERIAL: UNSLEEVED
CONNECTOR ROTATION:



12VHPWR GPU CABLE

CONNECTOR PIN ASSIGNMENT



NOTE

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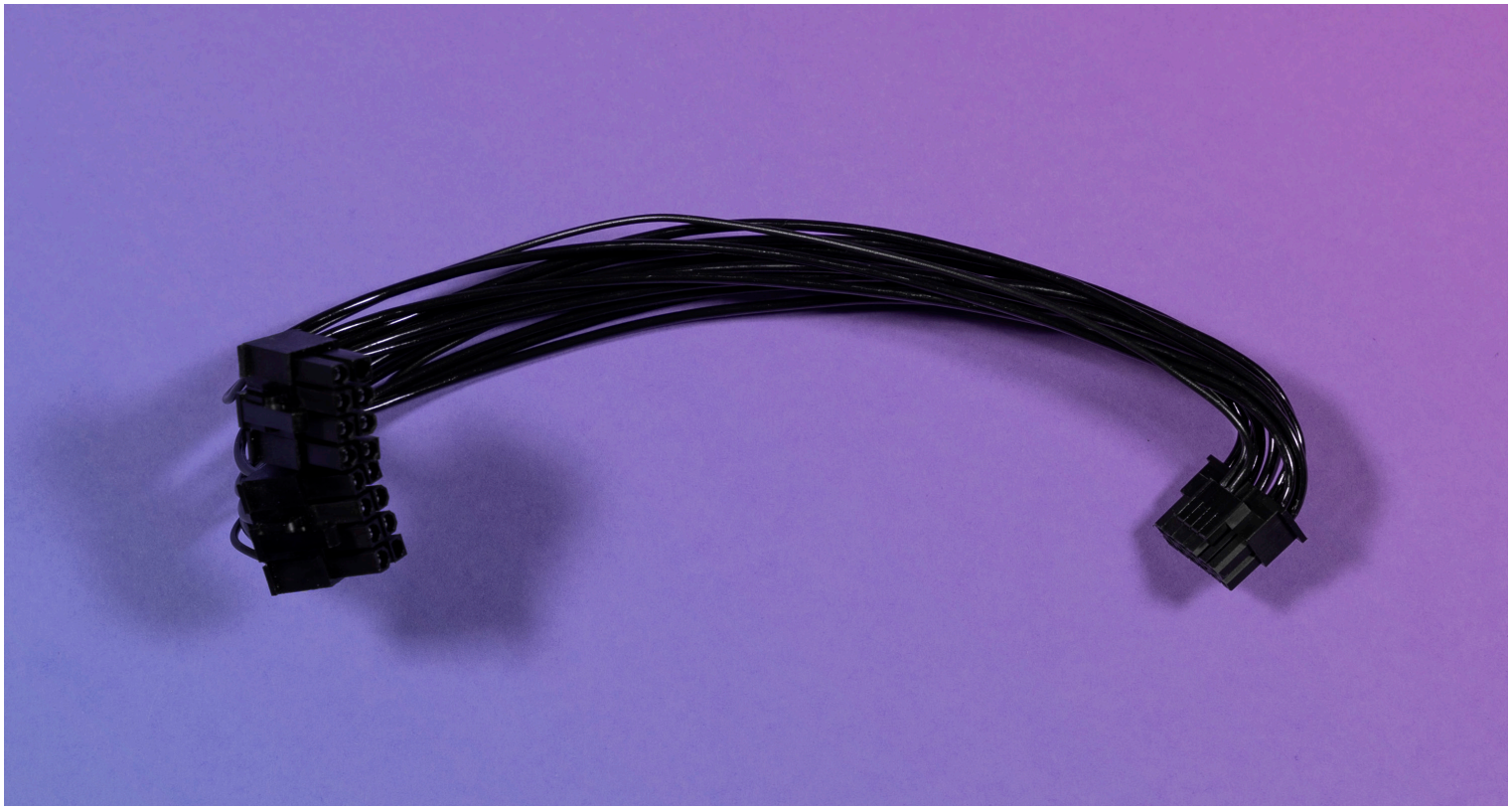
MEASUREMENTS

GPU	PSU 1	PSU 2	LENGTH (CM)	NOTES
1	3		23	
2	2		23	
3	1		23	
4		4	23	
5		3	23	
6		2	23	
7	7		23	
8	6		23	
9	5		23	
10		8	23	
11		7	23	
12		6	23	
S3	8		23	Sense-wires can be done with smaller wire gauge, like 23 AWG.
S4		5	23	Sense-wires can be done with smaller wire gauge, like 23 AWG.

MINIMUM WIRE LENGTH: 322 cm
RECOMMENDED WIRE GAUGE: 16-17 AWG
SLEEVING MATERIAL: UNSLEEVED
CONNECTOR ROTATION:

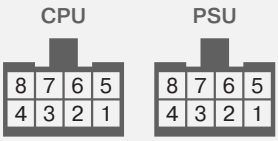
PSU 1, PSU 2

GPU (no rotation)



8-PIN CPU CABLE

CONNECTOR PIN ASSIGNMENT



NOTE

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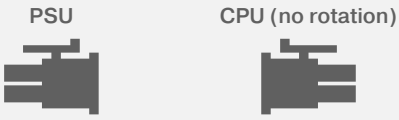
MEASUREMENTS

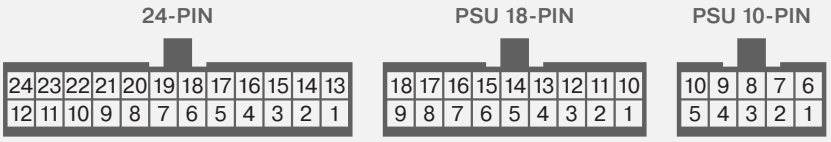
CPU	PSU	LENGTH (CM)	NOTES
1	8	23	
2	7	23	
3	6	23	
4	5	23	
5	4	23	
6	3	23	
7	2	23	
8	1	23	

MINIMUM WIRE LENGTH: 184 cm
RECOMMENDED WIRE GAUGE: 16-17 AWG
SLEEVING MATERIAL: UNSLEEVED
CONNECTOR ROTATION:



24-PIN MOTHERBOARD CABLE

CONNECTOR PIN ASSIGNMENT



NOTE

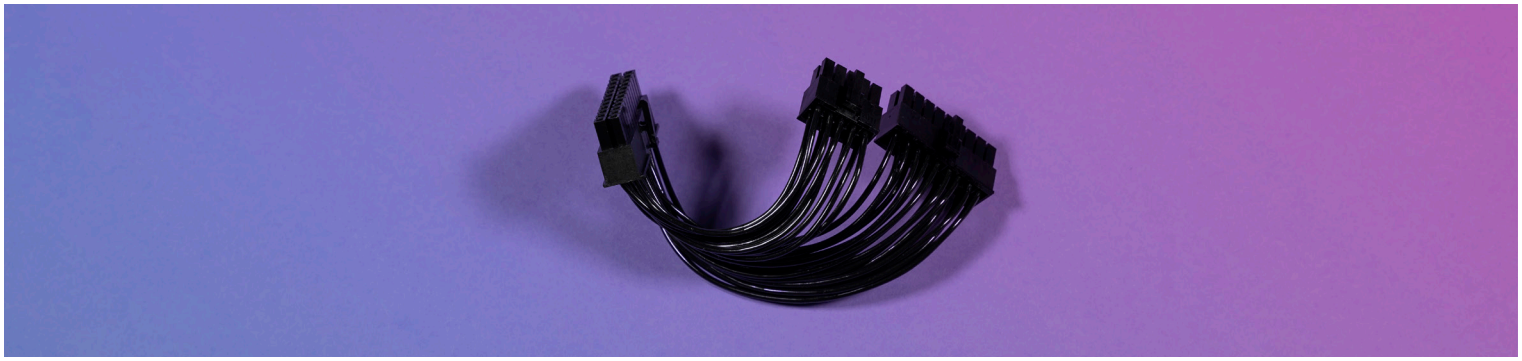
The connector housings are illustrated from the back, where the wire pins are inserted. Usually, you'll find the numbers stamped into the plastic housings.

If you're unsure, do not proceed; incorrect wiring can destroy your hardware!

MEASUREMENTS

24-PIN	PSU 18-PIN	PSU 10-PIN	LENGTH (CM)	NOTES
1	1		16	
2	2		15.5	
3	3		15	
4	4		14.5	
5	5		14	
6	6		13.5	
7	7		13	
8		1	12	
9		2	11.5	
10		3	11	Double wire #1 — 24-PIN pin (10) connects to PSU 10-PIN pin (3) and PSU 18-PIN pin (18)
10	18		12.5	
11		4	10.5	
12		5	10	
13		6	13.5	Double wire #2 — 24-PIN pin (13) connects to PSU 10-PIN pin (6) and PSU 18-PIN pin (10)
13	10		16.5	
14	11		15.5	
15	12		15	
16	13		14.5	
17	14		14	
18	15		13.5	
19	16		13.5	Double wire #3 — 24-PIN pin (19) connects to PSU 18-PIN pins (16) and (17)
19	17		13	
21	8		13	Double wire #4 — 24-PIN pin (21) connects to PSU 18-PIN pin (8) and PSU 10-PIN pin (7)
21		7	11.5	
22		8	11	
23		9	10.5	
24		10	10	

MINIMUM WIRE LENGTH: 354 cm
RECOMMENDED WIRE GAUGE: 16-17 AWG
SLEEVING MATERIAL: UNSLEEVED
CONNECTOR ROTATION:

PSU 18-PIN, PSU-10 PIN

24-PIN (180 rotation)