

# NAS-System

<b>Case</b>	<a href="#">Fractal Design Node 304</a>
<b>Board</b>	<a href="#">ASRock B550M-ITXac</a>
<b>Prozessor</b>	
<b>CPU-Kühler</b>	<a href="#">be quiet! Dark Rock 4 Tower Kühler</a>
<b>RAM</b>	16GB (2x 8192MB) G.Skill RipJaws V schwarz DDR4-3200 DIMM CL16-18-18-38 Dual Kit
<b>Netzteil</b>	400 Watt be quiet! Pure Power 11 Non-Modular 80+ Gold
<b>Back-Lüfter</b>	140x140x25mm be quiet! Silent Wings 3 PWM High-Speed 1600 U/min 28.1 dB(A) schwarz
<b>Front-Lüfter</b>	2 x 92x92x25mm Noctua NF-A9 PWM 2000 U/min 17.1 dB(A) braun/beige
<b>Festplatten</b>	4 x 4000GB WD Red Plus WD40EFZX 5.400U/min 128MB 3.5,, (8.9cm) SATA 6Gb
<b>SSD</b>	256GB Samsung SSD M.2 2280 NVMe PCIe 4.0 x4 3D-NAND TLC

## Fractal Design Node 304

### specs

- Power supply type: ATX (up to 160 mm in length)
- Motherboard compatibility: Mini ITX, Mini DTX (motherboards with SATA ports that are angled 90 degrees may conflict with installation in the case)
- GPU max length: 310 mm (when 2 HDD slots are removed; graphics cards longer than 170 mm will conflict with
- PSUs longer than 160 mm)
- CPU cooler max height: 165 mm
- Max GPU thickness: 45 mm
- 2x 92 mm Silent Series R2 hydraulic bearing fans @ 1300 RPM
- 1x 140 mm Silent Series R2 hydraulic bearing fan, 1,000 RPM speed (compatible with 120 mm fans) - included
- [Herstellerseite: Fractal Design Node 304](#)
- <https://www.caseking.de/Fractal-Design-Node-304-Mini-ITX-Gehaeuse-schwarz-GEFD-021.html>

## ASRock B560M-ITX/ac

### specs

- Sockel: LGA 1200 (für Intel-CPU's der 10. und 11. Core-Generation)
- Mini-ITX-Mainboard mit B560-Chipsatz
- 1x PCIe 4.0 x16
- 1x M.2-Slot 2280, 8cm
- 4x SATA 6G
- DDR4-RAM bis 64GB
- RJ-45 (LAN) Port 1Gbit/s
- ITX
- <https://www.caseking.de/asrock-b560m-itx-ac-intel-b560-mainboard-sockel-1200-mbar-383.html>
- <https://www.workstation4u.de/shop/produkte/item/asrock-b560m-itx-ac-mainboard-neu-m-itx-b5>

## [60-lga1200-usb-32-lan-wlan-m2](#)

### **Core i3-10100F 3,60 GHz (Comet Lake-S) Socket 1200**

- <https://www.caseking.de/Intel-Core-i3-10100F-3-60-GHz-Comet-Lake-S-Sockel-1200-boxed-HPIT-692.html>
- Prozessor Intel Celeron G5905
- Prozessor-Kühler Arctic Alpine 12 Passive
- RAM: Kingston ValueRAM DIMM 8GB, DDR4-2400
- Netzteil be quiet! System Power B9 300W

[preisliste.pdf](#)

## NAS zusammenstellen

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