

# Hardware

20250404

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# inxi -F
System:
  Host: amd64 Kernel: 6.14.0-lp156.4.g37149af-default arch: x86_64 bits: 64
  Console: pty pts/2 Distro: openSUSE Leap 15.6
Machine:
  Type: Desktop System: Gigabyte product: B550M K v: -CF serial: N/A
  Mobo: Gigabyte model: B550M K v: x.x serial: N/A BIOS: American
  Megatrends LLC. v: FD date: 03/22/2024
CPU:
  Info: 6-core model: AMD Ryzen 5 5600G with Radeon Graphics bits: 64
  type: MT MCP cache: L2: 3 MiB
  Speed (MHz): avg: 2506 min/max: 400/4465 cores: 1: 2367 2: 2367 3: 2367
  4: 2367 5: 2367 6: 2367 7: 2367 8: 3443 9: 2967 10: 2367 11: 2367 12: 2367
Graphics:
  Device-1: AMD Cezanne [Radeon Vega Series / Radeon Mobile Series]
  driver: amdgpu v: kernel
  Display: server: X.org v: 1.21.1.11 with: Xwayland v: 24.1.1 driver: X:
  loaded: amdgpu unloaded: fbdev,modesetting,vesa dri: radeonsi gpu: amdgpu
  resolution: 1920x1080~60Hz
  API: OpenGL v: 4.5 Mesa 23.3.4 renderer: llvmpipe (LLVM 17.0.6 256 bits)
Audio:
  Device-1: AMD Renoir Radeon High Definition Audio driver: snd_hda_intel
  API: ALSA v: k6.14.0-lp156.4.g37149af-default status: kernel-api
Network:
  Device-1: Realtek RTL8111/8168/8211/8411 PCI Express Gigabit Ethernet
  driver: r8169
  IF: eth2 state: up speed: 1000 Mbps duplex: full mac: 10:ff:e0:7b:18:e2
RAID:
  Device-1: md1 type: mdraid level: raid-5 status: active size: 7.28 TiB
  report: 3/3 UUU
  Components: Online: 3: sdb 4: sdd1 5: sda
Drives:
  Local Storage: total: raw: 11.03 TiB usable: 7.39 TiB used: 4.95 TiB (67.0%)
  ID-1: /dev/sda vendor: Western Digital model: WD40EFAX-68JH4N0
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size: 3.64 TiB
ID-2: /dev/sdb vendor: Western Digital model: WD40EFAX-68JH4N0
size: 3.64 TiB
ID-3: /dev/sdc vendor: TCSunBow model: X3 120GB size: 111.79 GiB
ID-4: /dev/sdd vendor: Western Digital model: WD40EFAX-68JH4N0
size: 3.64 TiB
Partition:
ID-1: / size: 50 GiB used: 38.5 GiB (77.0%) fs: btrfs dev: /dev/sdc2
ID-2: /home size: 54.98 GiB used: 27.08 GiB (49.2%) fs: btrfs
dev: /dev/sdc4
ID-3: /opt size: 50 GiB used: 38.5 GiB (77.0%) fs: btrfs dev: /dev/sdc2
ID-4: /var size: 50 GiB used: 38.5 GiB (77.0%) fs: btrfs dev: /dev/sdc2
Swap:
ID-1: swap-1 type: partition size: 6.8 GiB used: 0 KiB (0.0%) dev: /dev/sdc3
Sensors:
System Temperatures: cpu: 28.8 C mobo: 27.0 C gpu: amdgpu temp: 24.0 C
Fan Speeds (RPM): N/A
Info:
Processes: 380 Uptime: 3h 58m Memory: available: 14.99 GiB
used: 2.25 GiB (15.0%) Shell: Bash inxi: 3.3.27
```

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amd64:~ # inxi -C
CPU:
Info: 6-core model: AMD Ryzen 5 5600G with Radeon Graphics bits: 64
type: MT MCP cache: L2: 3 MiB
Speed (MHz): avg: 1046 min/max: 400/4464 cores: 1: 2989 2: 400 3: 400
4: 400 5: 400 6: 400 7: 2974 8: 400 9: 400 10: 400 11: 400 12: 2994

amd64:~ # inxi -F
System:
Host: amd64 Kernel: 6.9.7-lp155.2.ga5efffa-default arch: x86_64 bits: 64
Console: pty pts/2 Distro: openSUSE Leap 15.6
Machine:
Type: Desktop System: Micro-Star product: MS-7B89 v: 1.0 serial: N/A
Mobo: Micro-Star model: B450M MORTAR MAX (MS-7B89) v: 1.0
serial: K616819209 BIOS: American Megatrends LLC. v: 2.K0 date: 10/20/2023
CPU:
Info: 6-core model: AMD Ryzen 5 5600G with Radeon Graphics bits: 64
```

type: MT MCP cache: L2: 3 MiB

Speed (MHz): avg: 616 min/max: 400/4464 cores: 1: 400 2: 400 3: 400 4: 400

5: 400 6: 400 7: 400 8: 400 9: 400 10: 400 11: 2993 12: 400

#### Graphics:

Device-1: AMD Cezanne [Radeon Vega Series / Radeon Mobile Series]

driver: amdgpu v: kernel

Display: server: X.org v: 1.21.1.11 with: Xwayland v: 23.2.4 driver: X:

loaded: amdgpu unloaded: fbdev,modesetting,vesa dri: radeonsi gpu: amdgpu

resolution: 1920x1080~60Hz

API: OpenGL v: 4.5 Mesa 23.3.4 renderer: llvmpipe (LLVM 17.0.6 256 bits)

#### Audio:

Device-1: AMD Renoir Radeon High Definition Audio driver: snd\_hda\_intel

Device-2: Focusrite-Novation Focusrite Scarlett 2i2 2nd Gen

driver: snd-usb-audio type: USB

API: ALSA v: k6.9.7-lp155.2.ga5efffa-default status: kernel-api

#### Network:

Device-1: Realtek RTL8111/8168/8211/8411 PCI Express Gigabit Ethernet

driver: r8169

IF: eth1 state: up speed: 1000 Mbps duplex: full mac: 2c:f0:5d:5b:ce:91

#### RAID:

Device-1: md1 type: mdraid level: raid-5 status: active size: 7.28 TiB

report: 3/3 UUU

Components: Online: 3: sdb 4: sda1 5: sdc

#### Drives:

Local Storage: total: raw: 11.03 TiB usable: 7.39 TiB used: 4.96 TiB (67.1%)

ID-1: /dev/sda vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB

ID-2: /dev/sdb vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB

ID-3: /dev/sdc vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB

ID-4: /dev/sdd vendor: TCSunBow model: X3 120GB size: 111.79 GiB

#### Partition:

ID-1: / size: 50 GiB used: 35.58 GiB (71.2%) fs: btrfs dev: /dev/sdd2

ID-2: /home size: 54.98 GiB used: 12.23 GiB (22.2%) fs: btrfs dev: /dev/sdd4

ID-3: /opt size: 50 GiB used: 35.58 GiB (71.2%) fs: btrfs dev: /dev/sdd2

ID-4: /var size: 50 GiB used: 35.58 GiB (71.2%) fs: btrfs dev: /dev/sdd2

#### Swap:

ID-1: swap-1 type: partition size: 6.8 GiB used: 0 KiB (0.0%) dev: /dev/sdd3

ID-2: swap-2 type: file size: 9.54 GiB used: 0 KiB (0.0%) file: /data/swap/pvdmswapfile

#### Sensors:

System Temperatures: cpu: 29.0 C mobo: 33.0 C gpu: amdgpu temp: 27.0 C

Fan Speeds (RPM): fan-1: 0 fan-2: 1197 fan-3: 0 fan-4: 0 fan-5: 0

Info:

Processes: 402 Uptime: 0h 39m Memory: available: 13.54 GiB  
used: 4.16 GiB (30.7%) Shell: Bash inxi: 3.3.27

old:

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amd64:~ # inxi -F
System:   Host: amd64 Kernel: 5.14.21-150400.24.21-default x86_64 bits: 64 Console: pty pts/0
Distro:   openSUSE Leap 15.4
Machine:  Type: Desktop Mobo: Micro-Star model: B450M MORTAR MAX (MS-7B89) v: 1.0 serial:
K616819209
          BIOS: American Megatrends LLC. v: 2.H0 date: 07/27/2022
CPU:      Info: 6-Core model: AMD Ryzen 5 5500 bits: 64 type: MT MCP cache: L2: 3 MiB
          Speed: 1413 MHz min/max: 1400/3600 MHz Core speeds (MHz): 1: 1413 2: 1359 3: 1421
4: 1397 5: 1397 6: 1397 7: 1397
          8: 1401 9: 1408 10: 1397 11: 1396 12: 1396
Graphics: Device-1: NVIDIA GK208B [GeForce GT 730] driver: nvidia v: 470.141.03
          Display: server: SUSE LINUX 1.20.3 driver: loaded: nvidia unloaded:
fbdev,modesetting,vesa
          resolution: 1920x1080~60Hz
          OpenGL: renderer: llvmpipe (LLVM 11.0.1 256 bits) v: 4.5 Mesa 21.2.4
Audio:    Device-1: NVIDIA GK208 HDMI/DP Audio driver: snd_hda_intel
          Device-2: Advanced Micro Devices [AMD/ATI] Renoir Radeon High Definition Audio
driver: snd_hda_intel
          Sound Server-1: ALSA v: k5.14.21-150400.24.21-default running: yes
Network:  Device-1: Realtek RTL8111/8168/8411 PCI Express Gigabit Ethernet driver: r8168
          IF: eth1 state: up speed: 1000 Mbps duplex: full mac: 2c:f0:5d:5b:ce:91
RAID:     Device-1: md1 type: mdraid level: raid-5 status: active size: 7.28 TiB report: 3/3
UUU
          Components: Online: 3: sdc1 4: sdb1 5: sdd1
Drives:   Local Storage: total: raw: 11.03 TiB usable: 7.39 TiB used: 4.9 TiB (66.3%)
          ID-1: /dev/sda vendor: TCSunBow model: X3 120GB size: 111.79 GiB
          ID-2: /dev/sdb vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB
          ID-3: /dev/sdc vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB
          ID-4: /dev/sdd vendor: Western Digital model: WD40EFAX-68JH4N0 size: 3.64 TiB
Partition: ID-1: / size: 50 GiB used: 46.05 GiB (92.1%) fs: btrfs dev: /dev/sda2
          ID-2: /home size: 54.98 GiB used: 6.58 GiB (12.0%) fs: btrfs dev: /dev/sda4
          ID-3: /opt size: 50 GiB used: 46.05 GiB (92.1%) fs: btrfs dev: /dev/sda2
          ID-4: /tmp size: 50 GiB used: 46.05 GiB (92.1%) fs: btrfs dev: /dev/sda2
          ID-5: /var size: 50 GiB used: 46.05 GiB (92.1%) fs: btrfs dev: /dev/sda2
Swap:     ID-1: swap-1 type: partition size: 6.8 GiB used: 0 KiB (0.0%) dev: /dev/sda3
```

ID-2: swap-2 type: file size: 9.54 GiB used: 0 KiB (0.0%) file:  
/data/swap/pvdmswapfile  
Sensors: System Temperatures: cpu: 26.0 C mobo: 31.0 C  
Fan Speeds (RPM): fan-1: 0 fan-2: 1566 fan-3: 0 fan-4: 0 fan-5: 0  
Info: Processes: 310 Uptime: 0h 44m Memory: 15.5 GiB used: 1.62 GiB (10.5%) Shell: Bash  
inxi: 3.3.07

OLD:=====

#### Base Board Information

Manufacturer: ASRock  
Product Name: FM2A88M Pro3+  
Version:  
Serial Number: M80-A3022300574

#### Processor Information

Socket Designation: CPU Socket  
Type: Central Processor  
Family: A-Series  
Manufacturer: AMD  
ID: 31 0F 61 00 FF FB 8B 17  
Signature: Family 21, Model 19, Stepping 1  
Flags:  
FPU (Floating-point unit on-chip)  
VME (Virtual mode extension)  
DE (Debugging extension)  
PSE (Page size extension)  
TSC (Time stamp counter)  
MSR (Model specific registers)  
PAE (Physical address extension)  
MCE (Machine check exception)  
CX8 (CMPXCHG8 instruction supported)  
APIC (On-chip APIC hardware supported)  
SEP (Fast system call)  
MTRR (Memory type range registers)  
PGE (Page global enable)  
MCA (Machine check architecture)

CMOV (Conditional move instruction supported)  
PAT (Page attribute table)  
PSE-36 (36-bit page size extension)  
CLFSH (CLFLUSH instruction supported)  
MMX (MMX technology supported)  
FXSR (FXSAVE and FXSTOR instructions supported)  
SSE (Streaming SIMD extensions)  
SSE2 (Streaming SIMD extensions 2)  
HTT (Multi-threading)

Version: AMD A8-6600K APU with Radeon(tm) HD Graphics

Voltage: 1.3 V

External Clock: 100 MHz

Max Speed: 3900 MHz

Current Speed: 3900 MHz

Status: Populated, Enabled

Upgrade: Socket FM2

L1 Cache Handle: 0x0008

L2 Cache Handle: 0x0009

L3 Cache Handle: Not Provided

Serial Number: Not Specified

Asset Tag: Not Specified

Part Number: Not Specified

Core Count: 4

Core Enabled: 4

Thread Count: 4

Characteristics:

64-bit capable

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Revision #3

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