

Terminal via serial port on MacOS Sonoma

Connect

Verify connectivity

```
system_profiler SPUSBDataType | grep -i -A5 serial
```

```
anton@ant1mbp4 ~ % system_profiler SPUSBDataType | grep -i -A5 serial
2026-04-01 21:12:57.369 system_profiler[1802:28495] SPUSBDevice: IOCreatePlugInInterfaceForService failed 0xe00002be
2026-04-01 21:12:57.370 system_profiler[1802:28495] SPUSBDevice: IOCreatePlugInInterfaceForService failed 0xe00002be
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2026-04-01 21:12:57.372 system_profiler[1802:28495] SPUSBDevice: IOCreatePlugInInterfaceForService failed 0xe00002be
  Serial Number: 1[REDACTED]
  Speed: Up to 5 Gb/s
  Manufacturer: Realtek
  Location ID: 0x01334000 / 7
  Current Available (mA): 900
  Current Required (mA): 288
--
  Serial Number: [REDACTED]
  Speed: Up to 12 Mb/s
  Manufacturer: USB-RS232 Interface Converter
  Location ID: 0x01131140 / 14
  Current Available (mA): 500
  Current Required (mA): 50
--
  Serial Number: [REDACTED]
  Speed: Up to 480 Mb/s
  Location ID: 0x01131130 / 13
  Current Available (mA): 500
  Current Required (mA): 500
  Extra Operating Current (mA): 0
```

```
ioreg -p IOUSB
```

```

anton@ant1mbp4 ~ % ioreg -p IOUSB
+o Root <class IORegistryEntry> retain 25>
| +o AppleUSBVHCIBCE Root Hub S <class AppleUSBDevice, id 0x100000554, registered, matched, active, busy 0 (0 ms), retain 14>
| | +o Apple T2 Controller@8016 <class AppleUSBDevice, id 0x10000055b, registered, matched, active, busy 0 (0 ms), retain 13>
| | +o FaceTime HD Camera (Built <class AppleUSBDevice, id 0x10000055b, registered, matched, active, busy 0 (0 ms), retain 13>
| | +o Apple Internal Keyboard <class AppleUSBDevice, id 0x100000569, registered, matched, active, busy 0 (1 ms), retain 19>
| | +o Headset@80400000 <class AppleUSBDevice, id 0x10000056d, registered, matched, active, busy 0 (0 ms), retain 11>
| | +o Touch Bar Backlight@8070 <class AppleUSBDevice, id 0x10000056d, registered, matched, active, busy 0 (0 ms), retain 13>
| | +o Touch Bar Display@806000 <class AppleUSBDevice, id 0x10000056d, registered, matched, active, busy 0 (0 ms), retain 13>
+o AppleUSBXHCI Root Hub Simulator <class AppleUSBDevice, id 0x1000005c9, registered, matched, active, busy 0 (0 ms), retain 10>
| +o USB2.0 Hub <class AppleUSBDevice, id 0x1000005f2, registered, matched, active, busy 0 (0 ms), retain 13>
| | +o 40AV@01120000 <class AppleUSBDevice, id 0x1000005f2, registered, matched, active, busy 0 (0 ms), retain 14>
| | +o USB2.0 Hub <class AppleUSBDevice, id 0x10000062a, registered, matched, active, busy 0 (0 ms), retain 17>
| | +o Lenovo Thunderbolt 3 <class AppleUSBDevice, id 0x10000062a, registered, matched, active, busy 0 (0 ms), retain 17>
| | +o 4-Port USB 2.0 Hub@0 <class AppleUSBDevice, id 0x10000062a, registered, matched, active, busy 0 (0 ms), retain 12>
| | | +o 4-Port USB 2.0 Hub <class AppleUSBDevice, id 0x10000062a, registered, matched, active, busy 0 (0 ms), retain 14>
| | | +o Dell Laser Mouse <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 15>
| | | +o HD Pro Webcam C920 <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 19>
| | | +o IOUSBHostDevice@ <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (1 ms), retain 11>
| | +o YubiKey OTP+FIDO+CCID <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 15>
+o USB3.1 Hub <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 12>
| +o USB3.0 Hub <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 12>
| +o ThinkPad TBT 3 Dock <class AppleUSBDevice, id 0x100000678, registered, matched, active, busy 0 (0 ms), retain 13>

```

Identify device

```
ls -ltr /dev/tty*
```

```

crw-rw-rw-  1 root  wheel   0x4000003  1 Apr 20:54 /dev/ttyp3
crw-rw-rw-  1 root  wheel   0x4000002  1 Apr 20:54 /dev/ttyp2
crw-rw-rw-  1 root  wheel   0x4000001  1 Apr 20:54 /dev/ttyp1
crw-rw-rw-  1 root  wheel   0x4000000  1 Apr 20:54 /dev/ttyp0
crw-rw-rw-  1 root  wheel   0x2000000  1 Apr 20:54 /dev/tty
crw-rw-rw-  1 root  wheel   0x9000002  1 Apr 20:54 /dev/tty.Bluetooth-Incoming-Port
crw-rw-rw-  1 root  wheel   0x9000000  1 Apr 20:54 /dev/tty.BLTH
crw--w----  1 anton tty     0x1000000  1 Apr 21:18 /dev/ttys000
anton@ant1mbp4 ~ %

```

Disconnect, connect back, repeat command to identify it is exactly the same device (it will be usually owned by the root, but by user)

```
ls -ltr /dev/
```

```
crw-r--r-- 1 root wheel 0xa000004 1 Apr 20:54 auditssions
crw----- 1 root wheel 0xb000000 1 Apr 20:54 auditpipe
crw----- 1 root wheel 0x14000001 1 Apr 20:54 afsc_type5
crw-rw-rw- 1 root wheel 0x9000002 1 Apr 20:54 tty.Bluetooth-Incoming-Port
crw-rw-rw- 1 root wheel 0x9000003 1 Apr 20:54 cu.Bluetooth-Incoming-Port
crw-rw-rw- 1 root wheel 0x1e000000 1 Apr 20:54 uart.BLTH
crw-rw-rw- 1 root wheel 0x9000000 1 Apr 20:54 tty.BLTH
crw-rw-rw- 1 root wheel 0x16000000 1 Apr 20:54 nfscInt
crw-rw-rw- 1 root wheel 0x200003d9 1 Apr 20:54 autofs_nowait
crw-rw-rw- 1 root wheel 0x21000011 1 Apr 20:54 autofs_notrigger
crw-rw-rw- 1 root wheel 0x22000011 1 Apr 20:54 autofs_homedirmounter
crw----- 1 root wheel 0x23000000 1 Apr 20:54 autofs_control
crw----- 1 root wheel 0x1f000000 1 Apr 20:54 autofs
crw-rw-rw- 1 root wheel 0x11000000 1 Apr 20:59 random
crw----- 1 root wheel 0x17000001 1 Apr 21:02 bpf1
crw----- 1 root wheel 0x17000000 1 Apr 21:02 bpf0
crw----- 1 anton staff 0 1 Apr 21:12 console
crw-rw-rw- 1 root wheel 0x9000001 1 Apr 21:19 cu.BLTH
crw-rw-rw- 1 root wheel 0x3000002 1 Apr 21:21 null
crw-rw-rw- 1 root tty 0xf000000 1 Apr 21:21 ptmx
crw--w---- 1 anton tty 0x10000003 1 Apr 21:21 ttys003
```

```
anton@ant1mbp4 ~ % ls -ltr /dev/
```

Attach `screen` to the serial port

```
screen /dev/ttys003 115200
```

Exit nicely, press

```
CTRL+A
```

```
K
```

```
Y
```

```
Really kill this window [y/n]
```

Revision #1

Created 1 April 2026 18:11:27 by Anton

Updated 1 April 2026 18:26:33 by Anton