```
arnav@kapoor:~/Desktop$ lspci
0000:00:00.0 Host bridge: Intel Corporation 11th Gen Core Processor Host Bridge/DRAM Registers (rev 01)
0000:00:02.0 VGA compatible controller: Intel Corporation TigerLake-LP GT2 [Iris Xe Graphics] (rev 01)
0000:00:04.0 Signal processing controller: Intel Corporation TigerLake-LP Dynamic Tuning Processor Participant (rev 01)
0000:00:0a.0 Signal processing controller: Intel Corporation Tigerlake Telemetry Aggregator Driver (rev 01)
0000:00:0d.0 USB controller: Intel Corporation Tiger Lake-LP Thunderbolt 4 USB Controller (rev 01)
0000:00:0e.0 RAID bus controller: Intel Corporation Volume Management Device NVMe RAID Controller
0000:00:14.0 USB controller: Intel Corporation Tiger Lake-LP USB 3.2 Gen 2x1 xHCI Host Controller (rev 20)
0000:00:14.2 RAM memory: Intel Corporation Tiger Lake-LP Shared SRAM (rev 20)
0000:00:14.3 Network controller: Intel Corporation Wi-Fi 6 AX201 (rev 20)
0000:00:15.0 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO I2C Controller #0 (rev 20)
0000:00:15.1 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO I2C Controller #1 (rev 20)
0000:00:16.0 Communication controller: Intel Corporation Tiger Lake-LP Management Engine Interface (rev 20)
0000:00:17.0 SATA controller: Intel Corporation Tiger Lake-LP SATA Controller (rev 20)
0000:00:1d.0 PCI bridge: Intel Corporation Tiger Lake-LP PCI Express Root Port #10 (rev 20)
0000:00:1e.0 Communication controller: Intel Corporation Tiger Lake-LP Serial IO UART Controller #0 (rev 20)
0000:00:1e.3 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO SPI Controller #1 (rev 20)
0000:00:1f.0 ISA bridge: Intel Corporation Tiger Lake-LP LPC Controller (rev 20)
0000:00:1f.3 Multimedia audio controller: Intel Corporation Tiger Lake-LP Smart Sound Technology Audio Controller (rev 20)
0000:00:1f.4 SMBus: Intel Corporation Tiger Lake-LP SMBus Controller (rev 20)
0000:00:1f.5 Serial bus controller: Intel Corporation Tiger Lake-LP SPI Controller (rev 20)
0000:01:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8211/8411 PCI Express Gigabit Ethernet Controller (rev 15)
10000:e0:1c.0 System peripheral: Intel Corporation RST VMD Managed Controller
10000:e0:1c.4 PCI bridge: Intel Corporation Tiger Lake-LP PCI Express Root Port #5 (rev 20)
10000:e1:00.0 Non-Volatile memory controller: Samsung Electronics Co Ltd NVMe SSD Controller 980 (DRAM-less)
arnav@kapoor:~/Desktop$ lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 003 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 003 Device 002: ID 3151:3020 YICHIP Wireless Device
```

# PCI and USB Devices Summary

Generated on: May 15, 2025

```
=== PCI Devices ===

0000:00:00.0 Host bridge: Intel Corporation 11th Gen Core Processor Host Bridge/DRAM
Registers (rev 01)

0000:00:02.0 VGA compatible controller: Intel Corporation TigerLake-LP GT2 [Iris Xe
Graphics] (rev 01)

0000:00:04.0 Signal processing controller: Intel Corporation TigerLake-LP Dynamic Tuning
Processor Participant (rev 01)

0000:00:0a.0 Signal processing controller: Intel Corporation Tigerlake Telemetry
Aggregator Driver (rev 01)

0000:00:0d.0 USB controller: Intel Corporation Tiger Lake-LP Thunderbolt 4 USB
Controller (rev 01)

0000:00:0e.0 RAID bus controller: Intel Corporation Volume Management Device NVMe RAID
Controller

0000:00:14.0 USB controller: Intel Corporation Tiger Lake-LP USB 3.2 Gen 2x1 xHCI Host
Controller (rev 20)

0000:00:14.2 RAM memory: Intel Corporation Tiger Lake-LP Shared SRAM (rev 20)

0000:00:14.3 Network controller: Intel Corporation Wi-Fi 6 AX201 (rev 20)

0000:00:15.0 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO I2C
Controller #0 (rev 20)

0000:00:15.1 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO I2C
Controller #1 (rev 20)

0000:00:16.0 Communication controller: Intel Corporation Tiger Lake-LP Management Engine
Interface (rev 20)
```

0000:00:17.0 SATA controller: Intel Corporation Tiger Lake-LP SATA Controller (rev 20)

0000:00:1d.0 PCI bridge: Intel Corporation Tiger Lake-LP PCI Express Root Port #10 (rev 20)

0000:00:1e.0 Communication controller: Intel Corporation Tiger Lake-LP Serial IO UART Controller #0 (rev 20)

0000:00:1e.3 Serial bus controller: Intel Corporation Tiger Lake-LP Serial IO SPI Controller #1 (rev 20)

0000:00:1f.0 ISA bridge: Intel Corporation Tiger Lake-LP LPC Controller (rev 20)

0000:00:1f.3 Multimedia audio controller: Intel Corporation Tiger Lake-LP Smart Sound Technology Audio Controller (rev 20)

0000:00:1f.4 SMBus: Intel Corporation Tiger Lake-LP SMBus Controller (rev 20)

0000:00:1f.5 Serial bus controller: Intel Corporation Tiger Lake-LP SPI Controller (rev 20)

0000:01:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8211/8411 PCI Express Gigabit Ethernet Controller (rev 15)

10000:e0:1c.0 System peripheral: Intel Corporation RST VMD Managed Controller

10000:e0:1c.4 PCI bridge: Intel Corporation Tiger Lake-LP PCI Express Root Port #5 (rev 20)

10000:e1:00.0 Non-Volatile memory controller: Samsung Electronics Co Ltd NVMe SSD Controller 980 (DRAM-less)


=== USB Devices ===

Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub

Bus 003 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Bus 003 Device 002: ID 3151:3020 YICHIP Wireless Device

Bus 003 Device 003: ID 04f2:b725 Chicony Electronics Co., Ltd Integrated Camera

```
Bus 003 Device 004: ID 8087:0aaa Intel Corp. Bluetooth 9460/9560 Jefferson Peak (JfP)

Bus 004 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
```