1. **Make** and **Model** of the Laptop:

Lenovo ThinkPad X1 Carbon 6th Generation

1. **Operating System** and Edition Type:

Edition :Windows 10 Pro

Version: 21H2

1. **Processor (**CPU) type and Speed:

Intel(R) Core(TM) i7-8650U CPU @ 1.90GHz 2.11 GHz [1] [2]

1. The number of **Processor Cores** and Cache memory:
2. Socket: 1
3. Cores: 4
4. Logical processors: 8
5. L1: 256 KB
6. L2: 1.0 MB
7. L3: 8.0 MB
8. Is Virtualization **Enabled**:

Yes

Text

Description automatically generated with low confidence

Figure 1. Emabled Virtulization (Yanzhang Wu)

1. What type of **BIOS system** do you have? BIOS
2. Installed memory ( Dynamic RAM): 16 GB
3. Storage type and Capacity:

Solid State Drive, Capacity: 512 GB (477GB)

Table

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Figure 2. SSD (Yanzhang Wu)

1. USB Ports:

2 ThunderboltTM 3 (USB type C)

2 USB 3.0

1. VGA Port: No
2. HDMI Port: Yes
3. Web Camera: Yes
4. Microphone: Yes
5. Ethernet port (RJ45): No
6. How to get your IP address?
   1. What is your IPv4 address? 192.168.1.27
   2. What is your WIFI IP address? 192.168.1.1
7. Microsoft Office or Office 365: Office 365
8. Screen size **diagonally** (inch): 14 inches
9. What are the **refresh rate and resolution** for the display?

Refresh rate HZ: 60.012HZ

Desktop resolution: 2560 X 1440

1. Laptop weight? 1.13 KG
2. Miscellaneous – These are items/features that your laptop has but are not listed above:

Touch Fingerprint Reader

TrackPoint

Headphone / microphone combo jack

1. Take a snapshot of your **Device manager**

Text

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Figure 3. Device Manager (Yanzhang Wu)

1. Now that you have had your laptop for a while, what do you like about it? What do you dislike about it?

I like its light weight most. I can carry it with more ease. But if the hard drive could be 1TB, that will make this laptop much better.

Bibliography

[1] “Why Does the Processor Show Two Different Frequencies in System...,” *Intel*. https://www.intel.com/content/www/ca/en/support/articles/000055404/processors/intel-core-processors.html (accessed May 27, 2022).

[2] “CPU frequencies shown in System property page do not match - Windows Server.” https://docs.microsoft.com/en-us/troubleshoot/windows-server/performance/cpu-frequencies-dont-match (accessed May 27, 2022).