

Item	Value
System Model	Inspiron 16 5640
System Type	x64-based PC
System SKU	0C9F
Processor	Intel(R) Core(TM) 7 150U, 1800 Mhz, 10 Core(s), 12 Logical Processor(s)
BIOS Version/Date	Dell Inc. 1.8.1, 2024-11-29
SMBIOS Version	3.6
Embedded Controller Version	1.06
BIOS Mode	UEFI
BaseBoard Manufacturer	Dell Inc.
BaseBoard Product	0ND45F
BaseBoard Version	A01
Platform Role	Mobile
Secure Boot State	On
PCR7 Configuration	Elevation Required to View
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume1
Locale	United States
Hardware Abstraction Layer	Version = "10.0.22621.2506"
User Name	Hermela\herme
Time Zone	Eastern Standard Time
Installed Physical Memory (RAM)	16.0 GB
Total Physical Memory	15.7 GB
Available Physical Memory	5.43 GB
Total Virtual Memory	23.7 GB
Available Virtual Memory	10.4 GB
Page File Space	8.00 GB
Page File	C:\pagefile.sys
Kernel DMA Protection	On
Virtualization-based security	Running
Virtualization-based security ...	
Virtualization-based security ...	Base Virtualization Support, Secure Boot, DMA Protection, UEFI Code Read...
Virtualization-based security S...	Hypervisor enforced Code Integrity
Virtualization-based security S...	Hypervisor enforced Code Integrity
Windows Defender Applicatio...	Enforced
Windows Defender Applicatio...	Off
Device Encryption Support	Elevation Required to View
A hypervisor has been detecte...	

Item	Value
OS Name	Microsoft Windows 11 Home
Version	10.0.22631 Build 22631
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	HERMELA
System Manufacturer	Dell Inc.
System Model	Inspiron 16 5640
System Type	x64-based PC
System SKU	0C9F
Processor	Intel(R) Core(TM) 7 150U, 1800 Mhz, 10 Core(s), 12 Logical Processor(s)
BIOS Version/Date	Dell Inc. 1.8.1, 2024-11-29
SMBIOS Version	3.6
Embedded Controller Version	1.06
BIOS Mode	UEFI
BaseBoard Manufacturer	Dell Inc.
BaseBoard Product	0ND45F
BaseBoard Version	A01
Platform Role	Mobile
Secure Boot State	On
PCR7 Configuration	Elevation Required to View
Windows Directory	C:\Windows
System Directory	C:\Windows\system32
Boot Device	\Device\HarddiskVolume1
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Available Virtual Memory	10.4 GB
Page File Space	8.00 GB
Page File	C:\pagefile.sys
Kernel DMA Protection	On
Virtualization-based security	Running
Virtualization-based security ...	
Virtualization-based security ...	Base Virtualization Support, Secure Boot, DMA Protection, UEFI Code Read...
Virtualization-based security ...	Hypervisor-enforced Code Integrity

1. The item of the computer is Value
2. The OS Name is the name of the operating system
3. The version is a specific iteration or release of a software, program, or application
4. The Other OS Description is the other operating Systems that could be available to the computer
5. The OS manufacturer is the Operating System manufacturer name and its is labeled Microsoft Corporation
6. The System Name is Hermela because I set it up for myself
7. The system manufacturer is the brand name and it is Dell inc.
- 8.
9. The system model is the development of

10. The system Type of the computer can be organized into two ways by its PC and by its mainframe
11. The Processor is an Intel(R) Core(™) 150U 1.80 GHz. The Intel(R) is the computer's process aka the CPU. It gives the instructions as well as the processing power the computer needs to function. The microprocessor is the brain of the computer and this computer is running at 1.80 GHz.
12. The BIOS Version/Date is a timestamp for the version of the software that it's running on.
13. A SMBIOS Version is the System Management that specifications define data structures.
14. The embedded Controller Version is a microcontroller in computers that handles various system tasks.
15. The BIOS Mode is the program a computer's microprocessor used to start the computer system when the computer is turned on and the system used for this computer is UEFI
16. The Base Board Manufacturer of the system board is Dell Inc. And it is the manufacturer of the computer's motherboard.
17. The BaseBoard Product is the specific product number of the computer
18. The BaseBoard Version is specific and special to the computer
19. The Platform Role is Mobile which means it runs on battery long term on computers or laptops.
20. The Secure Boot State is a security feature that is created to protect the software from my laptop from loading when my PC is started up.
21. The PCR7 Configuration is a piece of technology that helps Windows users encrypt hard drives on their computer and my value is Elevation Required to View.
22. The Windows Directory is a file system that catalogs structure.
23. The System Directory is the main location for DLL (Dynamic - Link Library) files. The two most common files are the c:\Windows\System32 and some are c:\Windows\SysWOW64 I have the 32-bit version
24. The boot device is the audio or flash drive jack
25. The Locale is the location and country the computer came from and mine came from the United States of America
26. The Time zone is the current time zone that the computer is set as currently my computer is set at Eastern Standard Time
27. The Installed Physical Memory (RAM) the one for this computer is 16.0 GB and it helps the computer do its daily tasks like running apps and searching websites.
28. The Total Physical Memory is 15.7 GB and it is the amount of memory used by processes, drivers, and the operating system in a computer system

29. The Available Physical Memory is the amount of memory left in my computer's memory system.
30. The Total Virtual Memory is the total of the Virtual Memory of the computer.
31. The Computers Page File space is 8.00 GB and it is a part of windows virtual memory system which abstracts the physical memory through the virtual address..
32. The page File is the windows virtual memory system which abstracts the physical memory through the virtual adresse.
33. The Kernel DMA Protection (DMA) is a Windows security feature that protects against external peripherals from gaining unauthorized access to memory.
34. Virtualization - based security is the Windows way of creating isolated regions of memory from the standard operating systems.