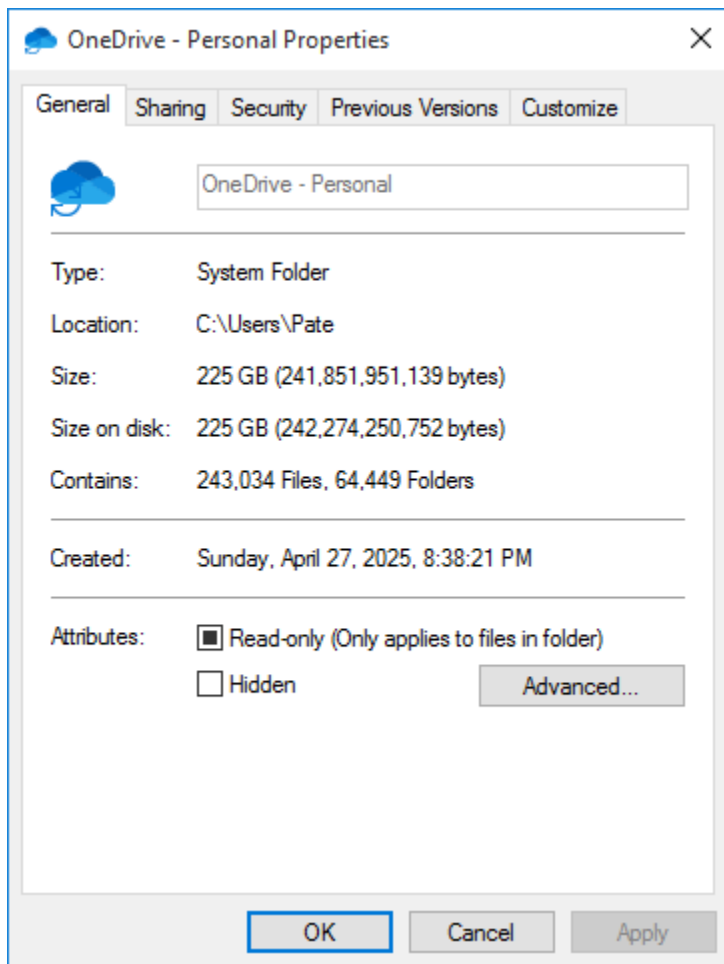


Blog Entry © Monday, May 12, 2025, by James Pate Williams, Jr., BA Chemistry, BS Computer Science, Master of Software Engineering, PhD Computer Science

I recently lived through two minor catastrophes. My physical problem was multiple ingrown toenails. I could barely walk without excruciating pain for a few days. My mental and physical severe problem occurred on my Dell 8900 desktop (December 2015). According to Dell ASSISTSUPPORT my TOSHIBA 2.0 TB hard drive may permanently fail at any moment. Fortunately, I had most of ten years of programming work backed up on USB drives and Microsoft OneDrive – Personal



My graphics card, main and core memory and processor passed their tests. Below is my system information from Settings. My NVIDIA GeForce GTX 745 video card got close to 100 degrees Celsius during its Dell generated test. For reference, 100 degrees Celsius is the boiling point of water (100 C = 212 F).

Checkup

System Scans

Scan for issues and recommended fixes

System History

View a calendar of system events

Advanced Troubleshootin...

System Scans

Scan your system for issues and recommended fixes. An estimated time to perform each scan has been provided.

Last Scan (Hard Drive)

Failed - Monday, May 12, 2025 at 12:37:38 AM - [Details](#)

Default (10 mins)

Stress (15 mins)

Scan a Specific Device

Audio Devices

Microphone

Sound Card

Sound Card

Storage Devices

Hard Drive

DVD-RW Drive

Card Reader

Card Reader

Card Reader

Card Reader

Powered by PC-Doctor ®

System Information

File Edit View Help

System Summary

Hardware Resources

Components

Software Environment

Item	Value
OS Name	Microsoft Windows 10 Pro
Version	10.0.10240 Build 10240
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	DESKTOP-JSGT7LI
System Manufacturer	Dell Inc.
System Model	XPS 8900
System Type	x64-based PC
System SKU	0688
Processor	Intel(R) Core(TM) i7-6700K CPU @ 4.00GHz, 4008 Mhz, 4 Core(s), 8 Logical Pr...
BIOS Version/Date	Dell Inc. 2.7.1, 11/22/2019
SMBIOS Version	2.8
Embedded Controller Version	255.255
BIOS Mode	UEFI
BaseBoard Manufacturer	Dell Inc.
BaseBoard Model	Not Available
BaseBoard Name	Base Board
Platform Role	Desktop
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 = "10.0.10240.16392"
User Name	DESKTOP-JSGT7LI\Pat
Time Zone	Eastern Daylight Time
Installed Physical Memory (RAM)	16.0 GB
Total Physical Memory	15.9 GB
Available Physical Memory	9.67 GB
Total Virtual Memory	18.3 GB
Available Virtual Memory	11.6 GB
Page File Space	2.38 GB
Page File	C:\pagefile.sys
Hyper-V - VM Monitor Mode E...	Yes
Hyper-V - Second Level Address...	Yes
Hyper-V - Virtualization Enable...	Yes
Memory - Data Execution Rele...	Yes

Find what:

☐ Search selected category only
 ☐ Search category names only

Find

Close Find

I was not able to successfully upgrade my disappeared Microsoft Visual Studio 2019 Community. Fortunately, I had a Microsoft DVD containing a legal copy of Microsoft Visual Studio 2008 Pro with MSDN. I loaded the software, and it works a la the time epoch 2008. The 2008 software was meant for my 2008 Dell XPS Studio computer. I have a current copy of Microsoft 365, formerly known as Microsoft Office 365.