

# CASE HISTORIES-COMPUTERS FROM A "DISCOUNT WAREHOUSE STORE"

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# SUMMARY

Here are two case histories of "Windows.." desktop computers that were purchased in California: one was purchased in 2016 and one was purchased in 2021.

# TOPICS

- HP 750-427C purchased in 2016
- MSI Aegis i9 purchased in 2021

# HP 750-427C

- HP 750-427C purchased in 2016



hp

CyberPower





# HP 750-427C (continued)

- 2016-12-28 Purchased HP 750-427C at a Costco store in California for \$899.99
- 2017-01-01 motherboard-based Ethernet adapter failed--new USB Ethernet adapter installed by F.C.



# HP 750-427C (continued)

- 2018-02-20 ATX power supply failed--replaced with a new ATX power supply by F.C.
- 2018-02-22 original Seagate 1TB ST1000DM003 hard drive failed--replaced with a new hard drive by F.C.
- 2020-05-02 Main front fan failed--replaced by F.C.

# MSI Aegis i9

- MSI Aegis i9 purchased in 2021

64GB MEMORY  
2.0TB HDD + 2.0TB SSD  
GeForce® RTX 3080



## MSI Aegis RS Gaming Desktop - 10th Gen Intel Core i9-10900K - GeForce RTX 3080

Item 1513363 | Model Aegis RS 10TE-058US

★★★★★ 4.5 (30)

Your Price                      \$2,999.99

# MSI Aegis i9 (continued)

- 2021-06-19 Purchased online from Costco.com for \$2999.99

The passive cooling device for the Adata 2TB M.2 SSD is inadequate and "CrystalDiskInfo Portable" indicates that the SSD is overheating which causes this computer to run very slowly.

Immediately replaced the Adata 2TB SSD with a new Seagate 2TB SATA SSD to resolve the problem.<sup>12</sup>

# MSI Aegis i9 (continued)

- 2022-09-05 Attempted to put the original bundled Adata 2TB back into service--it immediately overheated and failed.
- 2022-10-19 16-Gigabyte ADATA RAM module #4 failed--RAM modules #2 and #4 replaced by F.C.

# MSI Aegis i9 (continued)

- 2022-12-15 CR2023 button battery on the motherboard failed
- 2023-01-01 Replaced the 2TB SATA SSD with a 2TB Samsung M.2 SSD inside an elaborate active cooling device as explained at [https://aztcs.apcug.org/meeting\\_notes/winhardsig/harddrives/SSDs/M.2/M.2-upgrade.pdf](https://aztcs.apcug.org/meeting_notes/winhardsig/harddrives/SSDs/M.2/M.2-upgrade.pdf)  
This resolved the overheating problem.

# MSI Aegis i9 (continued)

- 2023-02-11: NVIDIA GeForce RTX 3080 10GB graphics adapter failed. Reconfigured the UEFI firmware and used the motherboard-based Intel graphics adapter to connect to the Viewsonic monitor.