

Engineering Department

Engineering Change Order (ECO)

ECO #: 52081-001

Effective Date: September 4, 2017

Title: Dell 7510 Laptop Storage Drive

Author: SL
Engineering Approval: aeg
Operations Approval: aeg

Date: August 31, 2017
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Date: September 4, 2017

Summary:

Early model Dell 7510 Laptops were originally using HDD's which were causing various performance issues including slow starts and video lag. To alleviate this issue all new Dell 7510 Laptop purchases will include an SSD.

All in stock and test machines will be brought up to current standards.

Parts Affected:

Part Number	Notes	Removed	Added	New	Modified
52081	Dell 7510 Laptop	☐	☐	☐	☒

Detail:

Typically, the standard HDD will have a capacity of 500GB and the SSD will have a capacity of 256GB which can be viewed in Windows Explorer. Since this might not always be the case open Device Manager and open the Disk Drives drop down. There will be a model listed which may vary depending on the date of manufacture. Since the model cannot be guaranteed to be a constant it is best to search the model number via the internet for confirmation whether the drive is an HDD or SSD. The drive models currently known are listed below.

HDD - Nonconforming

- ST500LMO
- Toshiba MQ01ACF050

SSD - Conforming

- Toshiba THNSNK256GCS8
- SK Hynix

All stock and computers used in production will be upgraded.

Action Item:

Action	Department	Acknowledgement Initials
Check that all Dell 7510 Laptops are reviewed during the Build Installation Process	Production	KK
All Dell 7510 Laptops should be checked during incoming Q/A	Q/A	GM

Modified / Referenced Documents:

Document	Current Revision
Click here to enter text.	Click here to enter text.

-- END OF ORDER --