#### HGST, a Western Digital company Rev. 1 12/13/12

# WinDFT Setup

WinDFT can be downloaded from the Downloads section of HGST.com. Once downloaded, please follow instructions below.

1. Double click the Setup.exe. Click Next.

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	Computer Co	The installer will guide you through the steps required to install WinDFT on your computer. WARNING: This computer program is protected by copyright law and international treaties. Unsubhorzed duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.		
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2. Click on I Agree for License Agreement, and then click Next.

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3. Click Next to install the WinDFT to your Program Files folder

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4. Click on Next to Confirm Installation

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5. WinDFT will begin installation to your computer

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6. After a few moments, WinDFT will complete the installation. You will then be able to use the utility to test your drives.

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7. You have completed the installation process of WinDFT, now go to your program files where you saved Win DFT and select the utility to begin the test. To use WinDFT please follow the steps below.

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# Using WinDFT

1. Launch WinDFT from your Program Files and WinDFT will automatically search for devices that are compatible with the utility. If a device is plugged in and it is not listed, you can click on the Scan button for WinDFT to perform a further search. If a hard drive that is not supported is plugged in, you will get a warning message that the device is not supported and it will not be listed. Please note: WinDFT is not designed to run on your primary operating drive.

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DET	A Hitachi HTSS45050A7E380      A The device is available now !!      A The device is available now !!
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Disk 7 Basic A65 76 GB Ks 455 76 CB Ks 455 76 CB Ks 455 76 CB	Scan Select All Quick Tes	t Ext Test Utilities Utilities WinDFT Value Capacity	Help
Online Healthy (Primary	T Hitachi HTS545050A7E380	465GB Ext Hard Disk USB Device is NOT supported.	Ready
CD-ROM 0 DVD (H:) Unallocated Primary partition		ОК	
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2. Select the device that you want to run the test on.

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	HG		Drive Fitness Tes	t For Windows	IDF	/USB 0.92
	Scar please do	n Select All Quid	* Test Ext Test to show SMART/Test log	U	lities Help	
	5	Model Name Hitachi HTS545050A7E380	Serial Number TA85223VCK8HPT	GG2OA7A0	Capacity 465GB	Status Ready
			Co	opyright (C) 2012 H	IGST, a Wester	n Digital company

3. Click on Quick Test to run the Quick Test, or Ext Test to run the Extended Test. The Quick test should take a few minutes to run where as the Extended test will take much longer depending on the capacity of your drive.

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SUFIEWER.	Stan     s       please double click th     SMART Short Test	
DIV	Model Nar SMART short test in progress Test Execute ady Machi HT Adv M Test Execute ady	
HOST WINDFT	Please Push "Abort" if you want to abort test	
ADA System UGB	Copyright (C) 2012 HGST, a Western Digital company	
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4. Once the test has completed, you will see a message like below, indicating either Pass or Fail. Should you receive a Failed message you can initiate your Return Material Authorization (RMA) <u>here.</u>

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DIT	Model Nat     SMART short test have been completed     bus       7     Htachi H     v Test Execute       7     Htachi H       ReadErrorCheck     Pass       SmartSelfTest     Pass - Test completed without Error	
HOST	Please push "EXIT" to retrun	
Vinder Vit System Tast	Copyright (C) 2012 HGST a Western Digital company	
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5. For SMART status of the drive, double click on the drive you wish to see status on.

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HG	SMART st	tatus					
a Western	Model name	Hitachi HTS545050A7E380	Max LBA	x3A386030			
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	2	Throughput Performance	100	100	40		
	<b>3</b>	Spin Up Time	214	214	33		
	<b>4</b>	Start/Stop Count	100	100	0		
	5	Reallocated Sector Count	100	100	5		
	0 7	Seek Error Rate	100	100	67		
	<b>6</b> 8	Seek Time Perfomance	100	100	40		
	9	Power-On Hours Count	98	98	0		
	10	Spin Retry Count	100	100	60		
	12	Device Power Cycle Count	100	100	0		
	<b>1</b> 91	G Sensor error rate	100	100	0		
	192	Power Off Retract Count	100	100	0		
	193	Load Cycle Count	100	100	0		
	<b>194</b>	Device Temperature	230	230	0	~	
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6. If you would like to run WinDFT Utilities on a drive, click on one of the drives so it has a checkmark next to it, and click on Utilities.

Note: In Utilities, you have the option to Erase MBR and Erase Disk. The difference between the two is that Erase MBR will only delete the partition of the drive while Erase Disk will write 0's to the entire drive. Erase Disk will take a lot longer to complete. Both will erase ALL the data on the drive so be careful and use only if you are sure you want to erase ALL the data on the selected drive.

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7. To check the Log file for the tests completed, click on Log View.

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	Model : HitschiHTS545050A7£380 Firmware Rev. 5 G620A75380 Capacity : 4650B SMART Status : Healthy Test Log ReadErrStat : Done Result : Pass ↓	
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Notes:

- If more than one drive is checked when you click on Quick Test or Ext Test, it will run that test for all of the drives in that order.
- If WinDFT is open and you plug a USB drive, it will automatically scan that drive to see if you can run WinDFT on it. WinDFT skips the OS hard drive and only scans USB and internal hard drives that are set up as a secondary device.