HP S700 & S750 FW Update Instructions

1.) Check the status of the disk to be upgraded, use apps such as CrystalDiskInfo, to make sure firmware reads as **U0329A0**, **U0329B0** or **U0222A0**. Take firmware **U0329A0** as an example.

(Link to download CrystalDiskInfo: https://crystalmark.info/en/download/#CrystalDiskInfo)

e	Edit	Function Theme Disk	Help Langua	ge			
G	ood	Good Good	d	9-			
50) ° C	39 °C 29 °	с				
	C:	D: F: G: Disk	2				
4		HP S	SD_S750	256GB	256.0	GB	
Hea	alth S	tatus Firr	mware U0329A0			Total Host Read	s 0 G
	Goo	Serial N	umber 21061220	2103576		Total Host Write	s 0 0
	000	Int	erface USB (Seria	ATA)	т	otal NAND Write	s 0.0
1	00	V/0 Transfor	Mode SATA/200	LCATA/600	-	Dower On Cours	+ 3 cou
		Transfer	Mode SATA/300	SATA/000		Power on Coun	2 COU
Te	mpera	ature Drive	Letter			Power On Hour	s 0 hou
	-	Sta	andard ACS-2 A	CS-2 Revision 3			
-	29	Fe	atures S.M.A.R.T	., NCQ, TRIM			
	ID	Attribute Name		Current	Worst	Threshold	Raw Values
	01	Raw Read Error Rate		100	100	50	0000000000000
	05	Reallocated Sectors Count		100	100	50	00000000000000
	09	Power-On Hours		100	100	50	0000000000000
	0C	Power Cycle Count		100	100	50	000000000002
	AO	Uncorrectable Sector Coun	it	100	100	50	0000000000000
	A1	Valid Spare Blocks		100	100	50	00000000064
	A3	Initial Invalid Blocks		100	100	50	00000000005
	A4	Total TLC Erase Count		100	100	50	000000000002
	A5	Maximum TLC Erase Count	t	100	100	50	000000000001
	A6	Minimum TLC Erase Count		100	100	50	0000000000000
	A7	Average TLC Erase Count		100	100	50	0000000000000
	AS	Vendor Specific		100	100	50	0000000013BA
	A9	Percentage Lifetime Rema	ining	100	100	50	00000000064
		Vendor Specific		100	100	50	0000000000000
	AF	venuor opecine					

Figure 1

2.) Download and decompress the file
58XT59XT_FFU_U1130A_V1.1.57.1_SSV6_SFWU0329C0_FW1001A0 (U1130
Release_SPFW_HP)
(Link to download: <u>https://hp.biwintech.com/download/</u>)



58XT59XT_FFU_U1130A_V1.1.57.1_SSV6_SFWU0329C0_FW1001A0 (U1130 Release_SPFW_HP).rar

3.) Open the folder and double-click to enter "SSDToolBox.EXE"

名称	修改日期	类型	大小
📕 Firmware	2021/8/3 19:53	文件夹	
Res	2021/11/29 18:07	文件夹	
SM2258XT	2020/5/8 11:23	文件夹	
SM2259XT	2020/5/8 11:23	文件夹	
Tables	2020/5/8 11:23	文件夹	
🔊 Setting	2021/11/29 18:06	配置设置	2 KB
SSDToolBox	2021/11/30 10:34	应用程序	4,281 KB



4.) Select "Update FW" option, select the drive of to upgrade, then press "Start" button.

nfiguration ogical cylinders e Set ogical heads	Describe 0x0040 Fixed Media Device 0x3FFF 0xC837
nfiguration logical cylinders e Set ogical heads	0x0040 Fixed Media Device 0x3FFF 0xC637
logical cylinders e Set 'ogical heads	Fixed Media Device 0x3FFF 0xC837
logical cylinders e Set logical heads	0x3FFF 0xC837
e Set logical heads	0xC837
logical heads	
	0x0010
of logical sectors per logical track	0x000000003F
number in ASCII	210612202103576
are revision in ASCII	U0329A0
number in ASCII	HP SSD S750 256GB
iple Sector Count	0x8001
	Maximum number of logical sectors that shall be transferred
omputing Feature Set	0x4000
IWDMA modes supported	0x2F00
	Long Physical Sector Alignment Error Reporting: 0x0
	DMA Mode Support
	LBA Mode Support
	IORDY may be disabled
	IORDY Supported
	Standby timer values as specified in this standard are suppo
es	0x4000
	There is no minimum Standby timer value
ransfer cycle timing mode for CFA	0x0200
on Parameter Valid	0x0007
	Word 54-58 are valid
	are revision in ASCII number in ASCII iple Sector Count omputing Feature Set IWDMA modes supported ies transfer cycle timing mode for CFA on Parameter Valid

Figure 3

SSD Tools V1.1.56_U112	3A					— ×
SSD T	OOL	Box				
500 0 1 1 1	Disk (Click-Select All)	Serial Number	Curr FW Ver.	Newest FW Ver.	Model Name	Result
Device Info	PHYSICALDRIVEO	HBSA20151800021	S0704A1		HP SSD \$700 250	-
	PHYSICALDRIVE2	210612202103576	U0329A0		HP SSD \$750 256	
SMART Info						
ည်ာ Update FW						
keep reinventing	CUpdate Setting IC Version (SBXT): AB	T				>
				Con	troller:SM2258X1	/59XT, ASPI:467

Figure 4

SSD Tools V1.1.56_U1123A SSSDD Tools Block Image: Control of the state of	— ×					
SSD T	OOL	Box				
500 00000	Disk (Click-Select All)	Serial Number	Curr FW Ver.	Newest FW Ver.	Model Name	Result
Device Info	PHYSICALDRIVEO PHYSICALDRIVE2	HBSA20151800021 210612202103576	S0704A1 U0329A0		HP SSD S700 250 HP SSD S750 256	
🖳 SMART Info						
ည်႕ Update FW	Message			×	1	
keep reinventing	Application Application Constraints Application Applicati	on will update firmware!! Ple	ease do not turn off y	our computer		, Start
				Con	troller:SM2258	XT/59XT, ASPI:467

Figure 5

SSD Tools V1.1.56_U112	23A					— ×
SSD T	OOL	Box				
50 -	Disk (Click-Select All)	Serial Number	Curr FW Ver.	Newest FW Ver.	Model Name	Result
Certa Device Info	PHYSICALDRIVEO	HBSA20151800021	S0704A1		HP SSD S700 250	
SMART Info	PHYSICALDRIVE2	210612202103576	U0329A0		HP SSD \$750 256	
🖳 SMART Info	_			_		
တြာ Update FW			10002-000	×		
keep reinventing	< Update Setting IC Version (S8XT): AB	2) Prices FLS to beginning Device <physicaldr Current FW:U0329A0, 定型</physicaldr 	iVE2> New FW:U0329C0			> Start
				Con	troller:SM2258X1	/59XT. ASPI:467

Figure 6

SSD Tools V1.1.56_U112	23A					— ×
SSD T	OOL	Box				
500	Disk (Click-Select All)	Serial Number	Curr FW Ver.	Newest FW Ver.	Model Name	Result
Device Info	PHYSICALDRIVEO	HBSA20151800021	S0704A1	_	HP SSD S700 250	
	PHYSICALDRIVE2	210612202103576	U0329C0		HP SSD \$750 256	
🖳 SMART Info						
ည် Update FW		Press YES to begin FW	/ Update!	×		
keep reinventing	C Update Setting IC Version (SBXT): AB	Device <physicaldr Current FW-U0329C0,</physicaldr 	IVE2> New FW:U1001A0			> Start
Complete				Con	troller:SM2258X	r/59XT, ASPI:467

Figure 7

5.) Result "PASS" will show if update is successful.

SSD Tools V1.1.56_U11	23A					— ×
SSD 1	lool	Box				
776 1	Information:					
Bowico Info	Disk (Click-Select All)	Serial Number	Curr FW Ver.	Newest FW Ver.	Model Name	Result
Device III0	PHYSICALDRIVEO	HBSA20151800021	S0704A1		HP SSD S700 250	
SMART Info	M PHYSICALDRIVE2	210612202103576	0100140		HP 55D 5750 256	PASS
슜 Update FW						
hn						
	<					
keep reinventing	Update Setting IC Version (58XT): AB	•				🔁 Start
mplete				Con	troller:SM2258X	T/59XT, ASPI:467

Figure 8

6.) To verify the upgrade is successful, run CrystalDiskInfo again, the firmware version should show the firmware version as "U1001A0".

le j	Edit Function Theme Disk Help Language od Good 39 °C 28 °C D: F: G: Disk 2 Disk 2 HP SSD S750 256GB 256.0 GB Ith Status Firmware U1001A0 Total Host Reads 0 GB Serial Number 210612202103576 Total Host Writes 0 GB Interface USB (Serial ATA) Total NAND Writes 0 GB Transfer Mode SATA/300 SATA/600 Power On Count 4 count perature Drive Letter Power On Hours 0 hours Standard ACS-2 ACS-2 Revision 3 Features S.M.A.R.T., NCQ. TRIM ID Attribute Name Current Worst Threshold Raw Values 01 Raw Read Error Rate 100 100 50 00000000000 05 Reallocated Sectors Count 100 100 50 00000000000 05 Power Con Hours 100 100 50 00000000000 06 Power Con Hours 100 100 50 00000000000 05 Reallocated Sectors Count								
Go 50 C	°C	Good 39 °C D: F: G	Good 28 °C Disk 2						
▲ CrystalDiskInfo 7.0.0 x64 - × Elle Edit Function Theme Disk Help Language Good 30 °C 39 °C 28 °C So °C 39 °C Disk 2 0 Image: Sol °C 39 °C Disk 2 0 Image: Sol °C 0 °C Disk 2 0 Image: Sol °C 0 °C Disk 2 0 Image: Sol °C D: F: G: Disk 2 0 Image: Sol °C D: F: G: Disk 2 0 Image: Sol °C D: F: G: Disk 2 0 Image: Sol °C Serial Number 210612202103576 Total Host Writes 0 GB Image: Sol °C Drive Letter Disk 2 0 Disk 2 Image: Sol °C Drive Letter Disk 2 0 0 0 Image: Sol °C Standard ACS-2 ACS-2 Revision 3 Eatures S.M.A.R.T., NCQ, TRIM Threshold Raw Values Nononcontrol °C 000000000000 Image: Sol °C Disk Reallocated Sectors Count 100 100 50 000000000000 Image: Sol °C Disk Reallocated Sector Count 100 100 50 000000000000 Image: S									
Heal	Ith S	tatus	Firmware	U1001A0			Total Host Read	ls	0 0
0	200	d	Serial Number	21061220210	3576		Total Host Write	rs	0 0
	300	a d	Interface	USB (Serial A	TA)	т	otal NAND Write	ĸ	0.0
10	00	%	Transfer Mode	CATA/200 C	ATA (600		Dawar On Cour	4 A	-
			Transfer Mode	SATA/300 3	MTM/000	_	Power on Cour	R 4	
Tem	npera	ature	Drive Letter				Power On Hour	rs 0	hou
-		C	Standard	ACS-2 ACS-	2 Revision 3				
-	0		Features	S.M.A.R.T., N	ICQ, TRIM				
	ID	Attribute Nar	me		Current	Worst	Threshold	Raw Value	25
	01	Raw Read En	ror Rate		100	100	50	00000000000	0
	05	Reallocated	Sectors Count		100	100	50	000000000000000000000000000000000000000	0
	09	Power-On Ho	ours		100	100	50	000000000000000000000000000000000000000	0
	0C	Power Cycle	Count		100	100	50	00000000000	14
	AD	Uncorrectabl	e Sector Count		100	100	50	00000000000	0
	A1	Valid Spare	Blocks		100	100	50	0000000006	i4
	A3	Initial Invali	d Blocks		100	100	50	00000000000	15
	A4	Total TLC Er	ase Count		100	100	50	00000000000	12
	A5	Maximum TL	C Erase Count		100	100	50	000000000000	11
	A6	Minimum TL	C Erase Count		100	100	50	00000000000	0
	A7	Average TLC	Erase Count		100	100	50	00000000000	0
	AB	Vendor Spec	ific		100	100	50	0000000138	A
	A9	Percentage	Lifetime Remaining		100	100	50	00000000006	4
	AF	Vendor Spec	ific		100	100	50	00000000000	0
	80	Vendor Spec	ific		100	100	50	000000000000000000000000000000000000000	0

Figure 9