

SSD7000 系列 UEFI ROM 更新指南 (PC)



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概述

本指南介绍如何使用PC平台更新SSD7000系列NVMe阵列卡的UEFI ROM。

前提条件

本节介绍了SSD7000系列NVMe阵列卡的基本硬件和软件要求。

更新 UEFI ROM

本节介绍如何使用PC来更新UFEI ROM。

Troubleshooting故障排除

如果您在刷新SSD7000系列NVMe阵列卡UEFI ROM时遇到任何困难,请参阅本节。 其中包括常见技术问题的说明和解决方案。

附录

本节介绍如何为您通过我们的在线支持门户提交的支持案例收集故障排除信息。

前提条件

- 1. **必须删除NVMe驱动器**。为避免数据丢失,请从SSD7000系列NVMe阵列 卡中删除所有NVMe驱动器。
- **带x8或x6通道的PCIe 3.0/4.0插槽。**SSD 7202、SSD 7502、SSD 7105、 SSD 7505、SSD 7540、SSD 7580A或SSD 7580B必须安装到具有x8或x16 通道的PCIe 3.0/4.0插槽中。
- 3. 主板需要引导到UEFI模式。确认主板在UEFI模式下启动。
- 4. USB闪存盘: FAT32格式。确保USB盘的文件系统是FAT32格式的。

更新 UEFI ROM

步骤1准备UEFIROM 包

1. 将SSD7000系列NVMe阵列卡UEFI包解压缩到USB闪存驱动器(如FAT32)的根目录

(/),并将USB闪存驱动器插入主板;

请在官方网站上下载UEFI软件。

产品型号	下载链接
SSD7105	http://www.highpoint-tech.cn/product-detail7105.html
SSD7202	http://www.highpoint-tech.cn/product-detail7202.html
SSD7505	http://www.highpoint-tech.cn/product-detail7505.html
SSD7502	http://www.highpoint-tech.cn/product-detail7502.html
SSD7540	http://www.highpoint-tech.cn/product-detail7540.html
SSD7580A	http://www.highpoint-tech.cn/product-detail7580.html
SSD7580B	http://www.highpoint-tech.cn/product-detail7580b.html

SSD7105:

efi 7105uefi.rom ArrayCreate.efi go.nsh load.efi README startup.nsh SSD7502:

efi 7502uefi.rom ArrayCreate.efi go.nsh load.efi README startup.nsh

SSD7202:

- efi
 7202uefi.rom
 ArrayCreate.efi
 go.nsh
 load.efi
 README
 startup.nsh
 SSD7540:
 efi
- 7505uefi.rom
- ArrayCreate.efi
- go.nsh
- load.efi
- startup.nsh

SSD7505:

efi 7505uefi.rom ArrayCreate.efi go.nsh load.efi README startup.nsh SSD7580:

5507500



步骤 2 检查系统 EFI 设置

- 1. 将SSD7000系列NVMe阵列卡插入主板,接通系统,并进入BIOS。
- 2. 更改 UEFI 设置(例如: SuperMicro X11DPi-NT 主板):
 - a. 设置'启动模式选择'为'UEFI':

Main Advanced IPMI Event Log Boot Configuration	gs Security Boot Save & Exit	Enabled: System is able to
Boot Mode Select LEGACY to EFI Support	[UEF1] [Disabled]	boot to EFI OS after boot failed from Legacy boot order.
FIXED BOOT ORDER Priorities		
Boot Option #1	[UEFI Hard Disk]	
Boot Option #2	[UEFI CD/DVD]	
Boot Option #3	[UEFI USB Hard Disk]	
Boot Option #4	[UEFI USB CD/DVD]	
Boot Option #5	[UEFI USB Key]	
Boot Option #6	[UEFI USB Floppy]	
Boot Option #7	[UEFI USB Lan]	
Boot Option #8	[UEFI Network]	
Boot Option #9	[UEFI AP:UEFI: Built-in EFI Shell]	

b. 将SSD7000系列NVMe阵列卡所在的插槽设置为"EFI"。

Aptio Setup Utility – Advanced	Copyright (C) 2019 Ameri	can Me
PCI Bus Driver Version	A5.01.18	4
PCI Devices Common Settings:		
Above 4G Decoding	[Enabled]	
SR-IOV Support	[Disabled]	
MMIO High Base	[56T]	
MMIO High Granularity Size	[2566]	
Maximum Read Request	[Auto]	
MMCFG Base	[26]	
NVMe Firmware Source	[Vendor Defined	
	Firmware]	
VGA Priority	[Onboard]	
CPU1 SLOT 1 PCI-E 3.0 X8 OPROM	[EFI]	
CPU2 SLOT 2 PCI-E 3.0 X16 OPROM		
CPU1 SLOT 3 PCI-E 3.0 X8 OPROM	[EFI]	
CPU2 SLOT 4 PCI-E 3.0 X16 OPROM	[EFI]	
CPU2 SLOT 5 PCI-E 3.0 X16 OPROM	[EFI]	
CPU1 SLOT 6 PCI-E 3.0 X8 OPROM	[EFI]	
CPU1 SLOT 7 PCI-E 3.0 X8 OPROM	[EFI]	
M.2-C1 PCI-E 3.0 X4 OPROM	[EFI]	
M.2-C2 PCI-E 3.0 X4 OPROM	[EFI]	

3. 保存更改并重启。

步骤 3 闪存 UEFI ROM

1. 从UEFIU盘启动,进入UEFI界面;

```
Boot Overnide
UEFI: Built-in EFI Shell
UEFI: ASUS SDRW-08D2S-U A801
UEFI: aigo U350 1100, Partition 4
Launch EFI Shell from filesystem device
```

 输入以下命令将UEFI ROM闪存到SSD7000 NVMe阵列卡: go.nsh 当出现消息"已通过"时,闪存成功。

SSD7105:

FSO:\><mark>go.nsh</mark> FSO:\> load.efi 7105uefi.rom Load Utility for Flash EPROM v1.1.0 (built at Jan 5 2021 13:30:42)

Set flash size to 65K Found adapter 0x71051103 at PCI 199:0:0 Flash size 0x10400, File size 0x10200 Offset address 0x20000 EPROM Vendor: WINBOND W25X40BV ErasingSuceeded Flashing

Flashing Success (total retry 0)

Verifing

Passed ! FSO:\> _

SSD7202:

Shell> echo -off Enter go.nsh to flash the UEFI rom. FS1:\> go.nsh FS1:\> load.efi 7202uefi.rom Load Utility for Flash EPROM v1.0.9 (built at Sep 8 2020 10:52:09)

Found adapter 0x72021103 at PCI 28:0:0 Flash size 0x10000, File size 0xe800 Offset address 0x20000 EPROM Vendor: WINBOND W25X40BV ErasingSuceeded Flashing

Flashing Success (total retry 0)

Verifing

Passed !

SSD7502:

Shell> echo -off Enter go.nsh to flash the UEFI rom. FS1:\> go.nsh FS1:\> load.efi 7502uefi.rom Load Utility for Flash EPROM v1.0.9 (built at Sep 8 2020 10:52:09)

Found adapter 0x75051103 at PCI 69:0:0 Flash size 0x10000, File size 0xe800 Offset address 0x20000 EPROM Vendor: WINBOND W25X40BV ErasingSuceeded Flashing

Flashing Success (total retry 0)

Verifing

Passed !

SSD7505:

Shell> echo -off Enter go.nsh to flash the UEFI rom. FS1:\> go.nsh FS1:\> load.eti 7505uefi.rom Load Utility for Flash EPROM v1.0.9 (built at Sep 8 2020 10:52:09)

Found adapter 0x75051103 at PCI 69:0:0 Flash size 0x10000, File size 0xe800 Offset address 0x20000 EPROM Vendor: WINBOND W25X40BV ErasingSuceeded Flashing

Flashing Success (total retry 0)

Verifing

Passed ! SSD7540:

Shell> echo -off Enter go.nsh to flash the UEFI rom. FS1:\> go.nsh FS1:\> load.efi 7540uefi.rom Load Utility for Flash EPROM v1.0.9 (built at Sep 8 2020 10:52:09)

Found adapter 0x75401103 at PCI 75:0:0 Flash size 0x10000, File size 0xe800 Offset address 0x20000 EPROM Vendor: WINBOND W25X40BV ErasingSuceeded Flashing

Flashing Success (total retry 0)

Verifing

Passed !

SSD7580:

Shell> echo –off

```
Enter go.nsh to flash the UEFI rom.

FSO: >> go.nsh

FSO: >> load.efi 7580uefi.rom

Load Utility for Flash EPROM v1.1.0

(built at Jan 5 2021 13:30:42)

Found adapter 0x75801103 at PCI 145:0:0

Flash size 0x10000, File size 0xe800

Offset address 0x20000

EPROM Vendor: WINBOND W25X40BV

Erasing .....Suceeded

Flashing success (total retry 0)

Verifing ....

Passed !
```

FS0:\> _

3. 重启以完成更新过程。

故障排除

找不到任何支持的主机适配器

当使用"go.nsh"命令时,该过程没有启动,并显示"没有找到支持的主机适配器"的消息:



解决方案:

关闭系统,将SSD7000移到另一个PCIe插槽,并重复闪存过程。如果问题仍然发生, 请参考附录进行收集。

UEFI实用程序报告没有检测到受支持的控制器

1. 从UEFI设备启动时,驱动器会在旧的启动后加载UEFI BIOS。输入

ArrayCreate.efi以创建RIAD。UEFI实用程序报告没有检测到受支持的控制器。



注意:如果不能成功加载,则我们的UEFI rom与当前的UEFI环境不兼容。

2.然后在UEFI中输入加载程序xxx.rom。根据这个命令的输出,我们可以确定我 们的UEFI驱动程序是否与您的主板兼容,如果可以手动加载,这意味着BIOS设 置不允许加载第三方ROM文件。 No supported controller detected F80: loadpcirom 750Suefi.rom Image 'load result: Success HighPoint NVMe RAID driver version v1.1.13 [81 00] SSD7505 found(0). [01] device found (PCI address 85:00:00). [02] device found (PCI address 86:00:00). [02] device found (PCI address 88:00:00). [02] device found (PCI address 88:00:00). Adding HPT VD0-0 SCSI Disk Device (RAID0) Capacity 8001GB BlockSize 512 Bytes FSO:\> ArrayCreate.efi Highpoint RAID utility for UEFI (version: 20200306) ==== Controller information: Vendor: HighPoint Technologies, Inc. Product: SSD7505 (7505) ==== Physical device list(count 4): 1/1 Samsung SSD 980 PR0 2TB-S69ENGONC0019TM, 2000313MB(MaxFree OMB), Normal 1/2 Samsung SSD 980 PR0 2TB-S69ENGONC0019TM, 2000313MB(MaxFree OMB), Normal 1/3 Samsung SSD 980 PR0 2TB-S69ENGONC0019TM, 2000313MB(MaxFree OMB), Normal 1/4 Samsung SSD 980 PR0 2TB-S69ENGONC0019TM, 2000313MB(MaxFree OMB), Normal 1/4 Samsung SSD 980 PR0 2TB 1/2 Samsung SSD 980 PR0 2TB 1/4 Samsu

附录

正在收集SSD7000系列UEFI信息

- 1. 将SSD7000系列NVMe阵列卡UEFI包解压缩到USB闪存盘的根目录(/),并将USB闪存盘插入PC。
- 2. 确保SSD7000 系列安装在一个具有 PCIe 3.0/4.0 x8 或x16 插槽中;
- 3. 从UEFIU盘驱动器启动,并进入UEFI界面;
- 4. 在命令提示符下,键入以下命令并按Enter键:

drivers



此时将显示以下信息:



5. 使用以下命令保存在屏幕上显示的驱动程序信息:

drivers > drivers.txt

FSO:\> drivers > drivers.txt

它将把驱动程序的日志保存到USB驱动器,作为文件"drivers.txt"。

6. 在命令提示符下,键入以下命令并按Enter键:

pci

FSO:\> pci

此时将显示以下信息:



7. 使用以下命令保存屏幕上的pci信息:

pci > pci.txt

FSO:\> pci > pci.txt

这将把pci的日志保存到USB引导驱动器中,作为文件"pci.txt".

8. 您现在可以检查保存到USB闪存盘中的drivers.txt和pci.txt的内容。下面文件中以 绿色突出显示的项目表明SSD7000系列已被识别, 驱动程序已正常加载:

SSD7105:

drivers.txt

1A3 000000A ?	MTFTP6 Network Service	Driver	Mtftp6Dxe
1A6 0000000A D 2	- FAT File System Driver	Fat	
1A7 000000A?	SCSI Bus Driver	ScsiBus	
1A8 000000A ?	- Scsi Disk Driver	ScsiDisk	
1A9 000000A ?	- TcpsDxe	C cpsDxe	
1AA 00000001 D 1	- SMCI Redfish HI USB CDC	-RNDIS D	Prive SmcRedfishHiUsbCdcRndisDriver
1AB 00000001 B 1	1 SMCI USB UNDI Driver	Sm	ncUsbUndiDriver
1B7 00000010 ?	AMI CSM Block I/O Driver	Csn	nBlockIo
1B8 00000024 B 1	1 BIOS[INT10] Video Driver	Csr	mVideo
1B9 00000010 ?	<null string=""></null>		
22D 00000011 D 4	- HighPoint NVMe RAID dri	ver v1.1.1	3 Offset(0x98,0x101FF)

pci.txt

- 00 C5 00 00 ==> Mass Storage Controller Non-volatile memory subsystem Vendor 1179 Device 0116 Prog Interface 2
- 00 C6 00 00 ==> Mass Storage Controller Non-volatile memory subsystem Vendor 1179 Device 0116 Prog Interface 2
- 00 C7 00 00 == > Mass Storage Controller RAID controller Vendor 1103 Device 7105 Prog Interface 0
- 00 C8 00 00 ==> Non-Essential Instrumentation Non-Essential Instrumentation Function Vendor 1022 Device 148A Prog Interface 0
- 00 C8 00 02 ==> Encryption/Decryption Controllers Other Encrypt/Decrypt

SSD7202:

drivers.txt:

		~	o biler riococoa brater	(seed so in a set over million of the set
112	0000000A ? N N	0	0 IP4 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(9FB1A1F3-3B71-4324-B39A-745CBB015FFF)
113	0000000A ? N N	0	0 MTFTP4 Network Service	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(DC3641B8-2FA8-4ED3-BC1F-F9962A03454B)
114	0000000A ? N N	0	0 UDP Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(6D6963AB-906D-4A65-A7CA-BD40E5D6AF2B)
115	0000000A ? N N	0	0 IP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5BEDB5CC-D830-4EB2-8742-2D4CC9B54F2C)
116	0000000A ? N N	0	0 UDP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(D912C7BC-F098-4367-92BA-E911083C7B0E)
117	0000000A ? N N	0	0 DHCP6 Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvF1le(95E3669D-34BE-4775-A651-7EA41B69D89E)
118	0000000A ? N N	0	0 MTFTP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvF1le(99F03B99-98D8-49DD-A8D3-3219D0FFE41E)
11B	0000000A D N N	2	0 FAT File System Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvF1le(961578FE-B6B7-44C3-AF35-6BC705CD2B1F)
110	0000000A ? N N	0	0 iSCSI Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(86CDDF93-4872-4597-8AF9-A35AE4D3725F)
11D	0000000A ? N N	0	0 iSCSI Driver	
11F	0000000A ? N N	0	0 SCSI Bus Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0167CCC4-D0F7-4F21-A3EF-9E64B7CDCE8B)
120	0000000A ? N N	0	0 Scsi Disk Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0A66E322-3740-4CCE-AD62-BD172CECCA35)
124	00010D92 ? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038F34E-0774-47A0-A5EF-4B94AF1A43DA)
125	00010D92 ? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 HII Drive	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038E34E-0774-47A0-A5EF-4B94AF1A43DA)
182	00000010 ? N N	0	0 AMI CSM Block I/O Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(25ACF158-DD61-4E64-9A49-55851E9A26C7)
183	00000024 B N N	1	1 BIOS[INT10] Video Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(29CF55F8-B675-4F5D-8F2F-B87A3ECFD063)
184	00000010 ? N N	0	0 <null string=""></null>	
2E7	00000011 ? N N	0	0 HighPoint NVMe RAID driver v1.1.11	PciRoot(0x1), Pci(0x0,0x0)/Pci(0x0,0x0)/Pci(0x10,0x0)/Pci(0x0,0x0)/Offset(0x98,0xE7FF)
				그녀는 그는 것 같아요. 이너 것 같아요. 것이 아무지 않는 것이 나 것 것 않는 것이 잘 하는 다 것 말했다. 것은 아니라는 것은 것 않는다. 이것은

pci.txt:

		Vendor	10B5 Device 8747 Prog Interface 0
00	19	08	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	10B5 Device 8747 Prog Interface 0
00	19	09	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	10B5 Device 8747 Prog Interface 0
00	19	10	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	10B5 Device 8747 Prog Interface 0
00	19	11	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	10B5 Device 8747 Prog Interface 0
00	10	00	00 ==> Mass Storage Controller - RAID controller
-		Vendor	1103 Device 7202 Prog Interface 0
00	1D	00	00 ==> Mass Storage Controller - Non-volatile memory subsystem
		Vendor	1BB1 Device 5016 Prog Interface 2
00	3A	05	00 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2034 Prog Interface 0
00	3A	05	02 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2035 Prog Interface 0
00	3A	05	04 ==> Base System Peripherals - PIC
		Vendor	8086 Device 2036 Prog Interface 20

SSD7502:

drivers.txt:

110 00000000 ? N N	0	0 DNS Network Service Driver	
111 000000A ? N N	0	0 DHCP Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(94734718-0BBC-47FB-96A5-EE7A5AE6A2AD)
112 000000A ? N N	0	0 IP4 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(9FB1A1F3-3B71-4324-B39A-745CBB015FFF)
113 000000A ? N N	0	0 MTFTP4 Network Service	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(DC364188-2FA8-4ED3-BC1F-F9962A034548)
114 0000000A ? N N	0	0 UDP Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(6D6963AB-906D-4A65-A7CA-BD40E5D6AF2B)
115 000000A ? N N	0	0 IP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5BEDB5CC-D830-4EB2-8742-2D4CC9B54F2C)
116 000000A ? N N	0	0 UDP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(D912C7BC-F098-4367-92BA-E911083C7B0E)
117 0000000A ? N N	0	0 DHCP6 Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(95E3669D-34BE-4775-A651-7EA41B69D89E)
118 000000A ? N N	0	0 MTFTP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(99F03B99-98D8-49DD-A8D3-3219D0FFE41E)
118 000000A D N N	2	0 FAT File System Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(961578FE-8687-44C3-AF35-68C705CD281F)
11C 0000000A ? N N	0	0 iSCSI Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(86CDDF93-4872-4597-8AF9-A35AE4D3725F)
11D 0000000A ? N N	0	0 iSCSI Driver	
11F 0000000A ? N N	0	0 SCSI Bus Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0167CCC4-D0F7-4F21-A3EF-9E64B7CDCE8B)
120 000000A ? N N	0	0 Scsi Disk Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0A66E322-3740-4CCE-AD62-BD172CECCA35)
124 00010D92 ? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038F34E-0774-47A0-A5EF-4894AF1A43DA)
125 00010D92 ? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 HII Drive	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038E34E-0774-47A0-A5EF-4B94AF1A43DA)
182 00000010 ? N N	0	0 AMI CSM Block I/O Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(25ACF158-DD61-4E64-9A49-55851E9A26C7)
183 00000024 B N N	1	1 BIOS[INT10] Video Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(29CF55F8-B675-4F5D-8F2F-B87A3ECFD063)
184 00000010 ? N N	0	0 <null string=""></null>	
2EE 00000011 B N N	1	2 HighPoint NVMe RAID driver v1.1.12	PciRoot(0x2)/Pci(0x0,0x0)/Fci(0x0,0x0)/Pci(0xC,0x0)/Pci(0x0,0x0)/Pci(0x14,0x0)/Pci(0x0,0x0)/Offset(0x98,0xE7FF)

pci.txt:

00	40	00	00 ==> Mass Storage Controller - Non-volatile memory subsystem
		Vendor	1BB1 Device 5016 Prog Interface 2
00	43	00	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	44	14	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	44	15	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	45	00	00 ==> Mass Storage Controller - RAID controller
		Vendor	1103 Device 7505 Prog Interface 0
00	5D	02	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	8086 Device 2032 Prog Interface 0
00	5D	05	00 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2034 Prog Interface 0
00	5D	05	02 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2035 Prog Interface 0
00	5D	05	04 ==> Base System Peripherals - PIC
			and a ' and a ' ' an

- Vendor 8086 Device 2036 Prog Interface 20 00 5D 0E 00 ==> Data Acquisition & Signal Processing Controllers Performance Counters Vendor 8086 Device 2058 Prog Interface 0

SSD7505:

drivers.txt:

110	00000000	? N N	0	0 DNS Network Service Driver	
111	A0000000	? N N	0	0 DHCP Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(94734718-0BBC-47FB-96A5-EE7A5AE6A2AD)
112	0000000A	? N N	0	0 IP4 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(9FB1A1F3-3B71-4324-B39A-745CBB015FFF)
113	0000000A	? N N	0	0 MTFTP4 Network Service	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(DC3641B8-2FA8-4ED3-BC1F-F9962A03454B)
114	0000000A	? N N	0	0 UDP Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(6D6963AB-906D-4A65-A7CA-BD40E5D6AF2B)
115	0000000A	? N N	0	0 IP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5BEDB5CC-D830-4EB2-8742-2D4CC9B54F2C)
116	A000000	? N N	0	0 UDP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(D912C7BC-F098-4367-92BA-E911083C7B0E)
117	0000000A	? N N	0	0 DHCP6 Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(95E3669D-348E-4775-A651-7EA41B69D89E)
118	A0000000	? N N	0	0 MTFTP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(99F03B99-98D8-49DD-A8D3-3219D0FFE41E)
11B	A0000000	DNN	2	0 FAT File System Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(961578FE-B6B7-44C3-AF35-6BC705CD2B1F)
110	A0000000	? N N	0	0 iSCSI Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(86CDDF93-4872-4597-8AF9-A35AE4D3725F)
11D	0000000A	? N N	0	0 iSCSI Driver	
11F	0000000A	? N N	0	0 SCSI Bus Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0167CCC4-D0F7-4F21-A3EF-9E6487CDCE8B)
120	0000000A	? N N	0	0 Scsi Disk Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0A66E322-3740-4CCE-AD62-BD172CECCA35)
124	00010D92	? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038F34E-0774-47A0-A5EF-4B94AF1A43DA)
125	00010D92	? N Y	0	0 Intel(R) DCPMM 1.0.0.3474 HII Drive	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5038E34E-0774-47A0-A5EF-4894AF1A43DA)
182	00000010	? N N	0	0 AMI CSM Block I/O Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(25ACF158-DD61-4E64-9A49-55851E9A26C7)
183	00000024	BNN	1	1 BIOS[INT10] Video Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(29CF55F8-B675-4F5D-8F2F-B87A3ECFD063)
184	00000010	? N N	0	0 <null string=""></null>	
2EF	00000011	BNN	1	2 HighPoint NVMe RAID driver v1.1.11	PciRoot(0x2)/Pci(0x0,0x0)/Pci(0x0,0x0)/Pci(0xC,0x0)/Pci(0x0,0x0)/Pci(0x14,0x0)
/Pc	i(0x0,0x0)	/Offset	(0x9	8,0xE7FF)	entre de la service de la s
-			_		

pci.txt:

		Vendor	1000 Device C010 Prog Interface 0
00	44	14	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00 44 15 00 ==> Bridge Device - I		15	00 ==> Bridge Device - PCI/PCI bridge
_		Vendor	1000 Device C010 Prog Interface 0
00	45	00	00 ==> Mass Storage Controller - RAID controller
		Vendor	1103 Device 7505 Prog Interface 0
00	47	00	00 ==> Mass Storage Controller - Other mass storage controller
		Vendor	1000 Device C010 Prog Interface 0
00	5D	02	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	8086 Device 2032 Prog Interface 0
00	5D	05	00 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2034 Prog Interface 0
00	5D	05	02 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2035 Prog Interface 0
00	5D	05	04 ==> Base System Peripherals - PIC
		Vendor	8086 Device 2036 Prog Interface 20
			-

SSD7540:

drivers:

77.4	NOOOOOO		-	-	-	- ODE MERMOLY DELATCE DI TAGI	oupauxe
115	0000000A	?	-	-	-	- IP6 Network Service Driver	Ip6Dxe
116	0000000A	?	-	-	-	- UDP6 Network Service Driver	Udp6Dxe
117	0000000A	?	-	-	-	- DHCP6 Protocol Driver	Dhcp6Dxe
118	0000000A	?	-	-	-	- MTFTP6 Network Service Driver	Mtftp6Dxe
118	0000000A	D	-		2	- FAT File System Driver	Fat
110	0000000A	?	-	2	-	- iSCSI Driver	IScsiDxe
11D	A0000000	?	-		2	- iSCSI Driver	IScsiDxe
11F	0000000A	?	-	12		- SCSI Bus Driver	ScsiBus
120	0000000A	?	-	1	\sim	- Scsi Disk Driver	ScsiDisk
124	00010D92	?	-	х	-	- Intel(R) DCPMM 1.0.0.3474 Driver	FvFile(5038F34E-0774-47A0-A5EF-4B94AF1A43DA)
125	00010D92	?	-	X	2	- Intel(R) DCPMM 1.0.0.3474 HII Drive	FvFile(5038E34E-0774-47A0-A5EF-4B94AF1A43DA)
182	00000010	?	-	-	-	- AMI CSM Block I/O Driver	CsmBlockIo
183	00000024	В	-	-	1	1 BIOS[INT10] Video Driver	CsmVideo
184	00000010	?	-	-	-	- <null string=""></null>	
2FB	00000011	D	-	1	8	- HighPoint NVMe RAID driver v1.1.11	Offset(0x98,0xE7FF)

pci.txt:

00	44	00	00
00	44	08	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	44	ØC	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	49	00	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	4A	14	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	1000 Device C010 Prog Interface 0
00	4A	15	00 ==> Bridge Device - PCI/PCI bridge
-	1033	Vendor	1000 Device C010 Prog Interface 0
00	4B	00	00 ==> Mass Storage Controller - RAID controller
		Vendor	1103 Device 7540 Prog Interface 0
00	4D	00	00 ==> Mass Storage Controller - Other mass storage controller
		Vendor	1000 Device C010 Prog Interface 0
00	5D	02	00 ==> Bridge Device - PCI/PCI bridge
		Vendor	8086 Device 2032 Prog Interface 0
00	5D	05	00 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2034 Prog Interface 0
00	5D	05	02 ==> Base System Peripherals - Other system peripheral
		Vendor	8086 Device 2035 Prog Interface 0

Vendor 8086 Device 2035 Prog Interface 0 00 5D 05 04 ==> Base System Peripherals - PIC Vendor 8086 Device 2036 Prog Interface 20

SSD7580A:

drivers:

197 000000A D N N	2	UHttpDxe	
198 0000000 D N N	3	0 DNS Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(B219E140-DFFC-11E3-B956-0022681E6906)
199 0000000 D N N	2	0 DNS Network Service Driver	
19C 0000000A D N N	3	0 DHCP Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(94734718-0BBC-47FB-96A5-EE7A5AE6A2AD)
19D 0000000A B N N	7	34 IP4 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(9FB1A1F3-3B71-4324-B39A-745CBB015FFF)
19E 0000000A B N N	4	4 MTFTP4 Network Service	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(DC3641B8-2FA8-4ED3-BC1F-F9962A03454B)
19F 0000000A B N N	20	34 UDP Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(6D6963AB-906D-4A65-A7CA-BD40E5D6AF2B)
1A0 0000000A B N N	4	24 IP6 Network Service Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(5BEDB5CC-D830-4EB2-8742-2D4CC9B54F2C)
1A1 0000000A B N N	14	24 UDP6 Network Service Drive	r Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(D912C7BC-F098-4367-92BA-E911083C7B0E)
1A2 0000000A B N N	2	2 DHCP6 Protocol Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(95E3669D-34BE-4775-A651-7EA41B69D89E)
1A3 0000000A B N N	2	2 MTFTP6 Network Service Driv	rer Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(99F03B99-98D8-49DD-A8D3-3219D0FFE41E)
1A6 0000000A D N N	2	0 FAT File System Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(961578FE-B6B7-44C3-AF35-6BC705CD2B1F)
1A7 0000000A D N N	2	0 iSCSI Driver Fr	r(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(86CDDF93-4872-4597-8AF9-A35AE4D3725F)
1A8 0000000A D N N	2	0 iSCSI Driver	
1AA 0000000A ? N N	0	0 SCSI Bus Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0167CCC4-D0F7-4F21-A3EF-9E64B7CDCE8B)
1AB 0000000A ? N N	0	0 Scsi Disk Driver F	v(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(0A66E322-3740-4CCE-AD62-BD172CECCA35)
1AC 0000000A D N N	1	0 TcpsDxe F	v(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(9FE6C519-86DA-49DC-8725-C2594628AD46)
1AE 00000001 D N N	1	0 SMCI Redfish HI USB CDC-RM	IDIS Drive Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(E71044B4-0BD7-4448-9133-BB323D5BE85B)
1AF 00000001 B N N	1	1 SMCI USB UNDI Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(C0C2AB85-93D8-44C5-84CB-28B62A52E197)
1B9 00000010 ? N N	0	0 AMI CSM Block I/O Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(25ACF158-DD61-4E64-9A49-55851E9A26C7)
1BA 00000024 ? N N	0	0 BIOS[INT10] Video Driver	Fv(5C60F367-A505-419A-859E-2A4FF6CA6FE5)/FvFile(29CF55F8-B675-4F5D-8F2F-B87A3ECFD063)
1BB 00000010 ? N N	0	0 <null string=""></null>	
1E2 00011001 B N N	1	1 ASPEED Graphics Driver	PciRoot(0x1)/Pci(0x3,0x4)/Pci(0x0,0x0)/Pci(0x0,0x0)/Offset(0x80E0,0x113FF)
235 00140E1B B Y Y	1	1 Broadcom Gigabit Ethernet Dr	ver PciRoot(0x1)/Pci(0x3,0x6)/Pci(0x0,0x0)/Offset(0xF834,0x2B7FF)
236 00140E1B B Y Y	1	1 Broadcom Gigabit Ethernet Dr	ver PciRoot(0x1)/Pci(0x3,0x6)/Pci(0x0,0x1)/Offset(0xF834,0x2B7FF)
237 00000011 ? N N	0	0 HighPoint NVMe RAID driver	1.1.11] PciRoot(0x2)/Pci(0x3,0x1)/Pci(0x0,0x0)/Pci(0xC,0x0)/Pci(0x0,0x0)/Pci(0x14,0x0)/Pci(0x0,0x0)/Offset(0x98,0xE7FF)

pci.txt:

00	8 A	0C	00 ==>	Bridge Dev	vice - PCI/PCI bridge	e
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- Vendor 1000 Device C010 Prog Interface 0 00 8F 00 00 ==> Bridge Device PCI/PCI bridge Vendor 1000 Device C010 Prog Interface 0
- 00 90 14 00 ==> Bridge Device PCI/PCI bridge

- 00
 90
 14
 00 =>> Bridge Device PCI/PCI bridge Vendor 1000 Device C010 Prog Interface 0

 00
 90
 15
 00 ==> Bridge Device PCI/PCI bridge Vendor 1000 Device C010 Prog Interface 0

 00
 91
 00
 00 =>> Mass Storage Controller RAID controller Vendor 1103 Device 7580 Prog Interface 0

 00
 93
 00
 00 ==> Mass Storage Controller Other mass storage controller Vendor 1000 Device C010 Prog Interface 0

 00
 94
 00
 00 ==> Non-Essential Instrumentation Non-Essential Instrumentation Function Vendor 1022 Device 148A Prog Interface 0

- Vendor 1022 Device 148A Prog Interface 0 00 94 00 02 ==> Encryption/Decryption Controllers Other Encrypt/Decrypt Vendor 1022 Device 1498 Prog Interface 0
- 00 95 00 00 ==> Non-Essential Instrumentation Non-Essential Instrumentation Function Vendor 1022 Device 1485 Prog Interface 0
- 00 95 00 02 ==> Encryption/Decryption Controllers Other Encrypt/Decrypt Vendor 1022 Device 1498 Prog Interface 0

如果未能更新SSD7000系列 UEFI ROM,请使用我们的在线支持门户提交问题

http://highpoint.mikecrm.com/vr1DAsz,并上传 driver.txt & pci.txt 信息。