

ESY22i2 BIOS UPDATE	TB000036	REV. B

Executive Summary

Some ESY22i2 units running Windows 10 have presented random disconnecting issues when use the Wi-Fi interface and only thru a full reboot or manual re-connection is able to reconnect to the Wi-Fi service. The solution to correct this behavior is to upgrade the BIOS and the NIC driver (TB000046) of those units.

This is the procedure to upgrade the BIOS on a ESY22i2.

Tools Needed:

The following material will be required

- USB Thumb Drive
- BIOS Update File(s) Package: <u>https://tinyurl.com/i2-BIOS-Update-V121</u>

Action:

Follow the service procedure steps to update system BIOS

Service Procedure:

- 1. Power on the device.
 - a. Press power button on back of unit.
 - b. As system is booting up, press the *DEL* on a connected keyboard to enter the BIOS. (Alternatively, you can touch the *SETUP* icon in the upper right corner of the screen to enter BIOS).

BIOS SETUP UTILITY					
Hain Advanced	PCIPnP B	oot Se	ecurity	Chipset	Exit
System Overview				Use	(ENTER), (TAB)
AMIBIOS				sele	ct a field.
Build Date:08/29/08) 			Use	[+] or [-] to
ID :1AEGH004	ł			conf	igure system Time
Processor					
Genuine Intel(R) CH	U	6 0000 6	2.67GHz		
Count :1					
System Memory					Select Screen
Size :2040MB				11	Select Iten
System Time		[05:58:10	93	Tab	Select Field
System Date		[Tue 10/0	97/2008]	F1	General Help
				F10 ESC	Save and Exit Exit
u02.61 (0	Commight 1	985-2006	American	Megatren	ds. Inc.

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- 2. Enable TXE Setting.
 - a. Navigate to menu option: Advanced -> Security -> Configuration -> TXE HMRFPO
 - b. "Enable" the setting.



- 3. Save the BIOS changes.
 - a. Navigate to menu option: Save & Exit -> Save Changes and Exit
 - b. "Yes" to commit the changes





ESY22i2 BIOS UPDATE

- 4. Upgrade the BIOS
 - a. Boot into the Operating System
 - b. Navigate to provided BIOS upgrade file(s)
 - c. Double-click the file: "DMS-SA25_V121"

4					
	Name A	Date modified	Туре	Size	
	AFUWINGUL64	4/28/2017 6-00 PM	Application	953 KB	
	AFUPMANISA	4/28/2017 6:10 PM	Application	582 83	
	AMI_Aptio_5.x_AFU_Uree_Guide_NDA	4/28/2017 2:14 PM	Chrome HTML Do	1,175 KB	
	amifide/64.sys	3/30/2017 12:05 AM	System file	1918	
	DMS-SA25_VI21	3/14/2019 2:50 PM	Windows Batch File	D 188	
1	Idrudil32e.dli	6/21/2018 2:28 PM	Application extens	74 1539	
	Prrudil32e.dll	6/21/2018 2-28 PM	Application externs	123 838	
	readme	4/28/2017 11:05 AM	Text Document	548	
	SA250000F60V121.bim	3/14/2019 2-46 PM	BIN File		
	🎮 setting	3/31/2017 11:04 PM	PNG image		

d. Allow the process to run. When the update is successful the system will prompt to reboot. Allow to system to fully process update

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CAUSO CAUsen Lobby Guard Desktop \AFUOS\AFUMIN:64EXE	
AMI Firmware Update Utility v5.09.02.1384 Copyright (C)2017 American Megatrends Inc. All Rights Reserved. Reading flash	
- Check RomLayout Ok. Erasing Boot Block done Updating Boot Block done Verifying Boot Block done Erasing Main Block done Updating Main Block done Verifying Main Block done Erasing NeAM Block dane Erasing NeAM Block danees:Ceee (93%)	
Lupdating NVRAM Block 0x00014000 (324) D	
TRANSCENC	

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- 5. Verify BIOS Update.
 - a. After the DEVICE restarts press "*Delete*" on the Keyboard
 - b. Menu option "Main"
 - c. Verify the BIOS "Project Version" SA250000F60V121



Operation	Description	Time
BIOS Update	Utilize F/W	0.5 hr.