

ADP-TPM

For Commell's Motherboard

User's Manual

Edition 1.0 2014/10/20







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<TPM installaion process>

TPM supported operating systems have:

32-bit : WinXP SP3, WinVista SP2, Win7 SP1, WinServer2008 SP2, Win8
64-bit : WinXP SP2, WinVista SP2, Win7 SP1, WinServer2008 R2 SP1, Win8, WinServer2012

1. You must install the TPM first, that can be setting the configuration in the BIOS.

The setting as shown below

 $[Security] \rightarrow [TPM Configuration] \rightarrow [TPM Action] \rightarrow [Enable and Active]$

Main Advanced Others	P Security	noenix SecoreCore Techn Root Exit		
Supervisor Password is: User Password is:	Cleared Cleared			
Set Supervisor Password Supervisor Hint String	[Enter] [1		
Set User Password User Hint String	[Enter] [Phoenix SecureCure Technology School Security TPM Configuration	
Min. password length Authenticate User on Boot	[1] [Disabled]	Current TPM State Tril Action Onit Boot Resourcements	Disabled and Deactivated] (To Change Disabled]	Enact TPM actions r take effe
HDD Security Status No HDD detected Trusted Platform Module (TPM) TPM Support • TPM Configuration	[Enabled]		No Change Enable Disable Activate Deactivate Clear Enable and Deactivate Set Owner Install. with state=True Set Owner Install. with state=True Set Owner Install. with state=True Enable. Deactivate. and Set Owner Install with state= Disable. Deactivate. and Set Owner Install with state Clear. Enable. and Activate	ue =False
			Require PP for provisioning Do not require PP for provisioning Require PP for clear Do not require PP for clear Enable, Activate and Clear Enable, Activate, Clear, Enable, and Activate	

Note : If you have previously used in other devices, you need to clear first. [Security] \rightarrow [TPM Configuration] \rightarrow [TPM Action] \rightarrow [Clear] \rightarrow Reboot



2. Entering the OS, then install the TPM driver.

Drivers are divided into 32-bit and 64-bit.

3. Starting the program and choose [User Settings].

nfo User Settings Bad	sup Migration Password Reset
Copyright © Infineon Technologies AG	nfineon TPM
Security Platform Solution:	
Version:	4.3.100.3287
Operation Mode:	Stand-alone
Security Platform State:	
Chip:	Enabled
Owner:	Not initialized
User:	Not initialized
Trusted Platform Module:	
Vendor:	Infineon Technologies AG
Version:	1.2
	Self Test More Details

4. A window will pop up, select [Yes].





5. In the drop-down menu, select the drive you want to use.

Then press next.



6. A window will pop up, select [Yes].





7. (1) Tick [Personal Secure Drive(PSD)].

Then enter the [Size] and [Drive letter].

(2) & (3) Entering the Password and Confirm it.

Then press [Next].

Settings Configu	e Security P	latform Settin	gs			
Which Se	curity Platfo	orm Features o	lo you want to us	e?		
Hard	vare-based	Encrypting File	System (EFS)			
1 Perso	nal Secure [Drive (PSD)				
Dise:	0	IVIB	Unive letter:			
<u>P</u> lease se	et your Basic	User Passwor	d. This password	will protect your	Basic User K	Cey which is required t
Please se use Secu	et your Basic rity Platform	: User Passwor Features.	rd. This password	will protect your I	Basic User K	(ey which is required t
Please se use Secu	et your Basic rity Platform	: User Passwor 1 Features,	d. This password	will protect your	Basic User K	ey which is required t
Please se use Secu 2 <u>C</u> onfirm	et your Basic rity Platform password:	: User Passwor n Features.	rd. This password	will protect your I	Basic User K	ey which is required t
Please se use Secu 2 Confirm	et your Basic rity Platform bassword:	: User Passwor Features.	rd. This password	will protect your l	Basic User K	Cey which is required t
Please se use Secu 2 2 3 3 Use diffe Length:	et your Basic rity Platform password: rent passwo 5 256 cha	User Passwoi Features. ords for differe racters.	rd. This password	will protect your i	Basic User K	(ey which is required t
Please se use Secu 2 <u>Confirm</u> 3 Use diffe Length: (et your Basic rity Platform Dassword: rent passwo 5 256 cha	User Passwor Features. ords for differe aracters.	d. This password	will protect your l	Basic User K	(ey which is require

8. Press [Next].

C	nary onfirm settings and start Security Platform configuration
Th	e wizard is now ready to configure your Security Platform.
Th	e following steps will be performed:
I	initialize Owner and Platform
I	initialize Backup
I	initialize Password Reset
I	initialize User
I	initialize User Password Reset
I	initialize PSD
То	change your selections, dick "Back".
To	configure your Security Platform, click "Next" and wait for the operation to finish.
Do is i) not logoff, shutdown, enter a power-saving state, or unplug the power cord while the operation in progress.
	, progressi



9. When Installation is complete, click [Details...] let the [Finish] button you

can press.



10. Click [Display]

Protocol File: SpProtocol_JER	IRY-PC_jerry.txt	
- inumopunt of - Valid until "20	11211511414449511614952667721223352750-756 20921上午 04:23:18"	*
[04:23:23.875]		
Create Personal	Secure Drive	
- Drive letter "P:	и.	
- Image file "C'	Security Platform\Personal Secure Drive\System Data\12A269B7-2EBB-	
4481-A638-7807	82EB3C60.FSF"	
- Anage Inte C.1 4481-A638-7807 -> Success	82EB3C60.FSF"	
- Mage IIIe C.1 4481-A638-7807 -> Success - Drive ID "12A2	82EB3C60 FSF" 89957-2EBB-4481-A638-780782EB3C60"	
- Mage IIIe C.1 4481-A638-7807 -> Success - Drive ID "12A2	82EB3C60.FSF" 169B7-2EBB-4481-A638-780782EB3C'60"	
4481-A638-7807 -> Success - Drive ID "12A2 Quick Initializat	82EB3C60.FSF" 169B7-2EBB-4481-A638-780782EB3C60" ion wizaud steps completed successfully at 2010'921 上午 04:29:33.	
- Anage IIIe C.A 4481-A638-7807 -> Success - Drive ID "12A2 Quick Initializat	82EB3C60.FSF" 169B7-2EBB-4481-A638-780782EB3C'60" ion. wizaud steps completed successfully at 2010'9'21 上午 04:29:33.	
Anage IIIe C.1 4481-A638-7807 ⇒ Success - Drive ID "12A2 Quick Initializat	82EB3C60.FSF* 169B7-2EBB-4481-A638-780782EB3C60* ion. wizzud steps completed successfully at 2010921 上午 04-29-33.	m
- Jinge Inte C.1 4481-A638-7807 -> Success - Drive ID "12A2 Quick Initializat	82EB3C60.FSF* 169B7-2EBB-4481-A638-780782EB3C60* ion. wizzud steps completed successfully at 2010.9921 上午 04:23:33.	III
- Ange Int C.1 4481-A638-7807 → Success - Drive ID "12A2 Quick Initializat	82EB3C60.FSF* 169B7-2EBB-4481-A638-780782EB3C60* ion. wizzud steps completed successfully at 2010.9921 上午 04:23:33.	4 III
Print	RZEB3C60.FSF* 89987-2EBB-4481-A638-78078ZEB3C60* ion. wizzud steps completed successfully et 2010억21 上午 04-29-33. Print protocol with or without secret data.	4 III
Print Save	AZEEBSC60.FSTF* 89987-ZEEBB-4481-A638-78078ZEEB3C60* ion. wizawd steps completed successfully et 2010당21 上午 04-23-33. Print protocol with or without secret data. Save protocol with or without secret data.	4 111

11. A window will appear, click [Close] to do next.

12. Click [Close] to do next.

Security Platfor	n Quick Initialization Wizard	×				
Protocol File:						
SpProtocol_JER	RY-PC_jerry.txt					
- inumopant os - Valid until "202	цирриличанары готанировалированированированированированированированированированированированированированированир 0/9/21 上午 04:23:18"	^				
[04:23:23.875]						
Create Personal :	Secure Drive					
- Drive letter "P:" - Size "200 MB"						
- Image file "C:\s 4481-A638-78078	ecuity Platform\Personal Secure Drive\System Data\12A269B7-2EBE 2EB3C60.PSF"	F				
-> Success						
- Drive ID "12A2	- Daive ID "12A269B7-2EBB-4481-A638-780782EB3C60"					
Quick Initializati	on wizaud steps completed successfully at 2010/9/21 上午 04:23:33.					
		E				
		-				
Print	Print protocol with or without secret data.					
Save	Save protocol with or without secret data.					
Display	Display generated secret data.					
	Clos	e				
7						

13. A window will pop up, select [Yes].

14. The [Finish] you can press.

Security Platform Quick In	🖼 Security Platform Quick Initialization Wizard				
	The wizard completed successfully.				
infineon	Important data (required for administration and emergencies) and protocol file are available under: C:\Users\jerry\Documents\Security Platform				
	Some data is protected by random secret data which you need to print, save or memorize.You must click "Details" before you can finish this wizard.				
-CONSIGNABLE DE	Please backup your hard drive periodically. Otherwise, encrypted data may be lost in case of a system or hard drive failure. Learn more on backup and data recovery.				
Infineon TPM	Details Access protocol file and secret data				
	Continue with advanced options				
	< Back Finish Cancel Help	>			

- 15. Reboot to enable the TPM functionality.
- 16. The desktop will appear a new icon. As shown below.

17. Open it and then enter your password.

	infineon	
		© Infincon 7PM Copyright ©
An application needs acce	ss to a protected key.	
Basic User <u>P</u> assword:		
	Remember password for all applications OK Cancel	Help

18. You set the disk will appear in the "Computer".

Organize 🔻 Properties	System properties Unir	istall or change a program	Map network drive	>> <u>N</u>	•	
	Hard Disk Drives (5) Local Disk (C:) 39.3 GB free of 48.8 (Local Disk (E:) 24.6 GB free of 48.4 (Personal Secure Driv 182 MB free of 200 M	58 58 58 6 (P:) 18	System Reserved (D:) 87.6 MB free of 349 MB Local Disk (F:) 30.2 GB free of 48.8 GB			
Local Disk (C:) System Reserved (D: Local Disk (E:) Local Disk (F:) Personal Secure Driv Network						

Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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