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COMMELL

COMMELL– How to Setup Intel® AMT Solution

This guide targets to those COMMELL motherboards that support Intel® AMT Technology.

- 1. Please choose a CPU which supports Intel® vPro technology
- 2. Please access to BIOS and set AMT [enabled] and ME [enabled]

Phoenix SecureCore Tiano Setup	
Advanced	
AMT Configuration	Item Specific Help
Intel(R) AMI[Enabled]AMT Wait Timer0Activate Remote Assistance Process[Disabled]PET Progress[Enabled]CIRA Trigger[Enabled]AMT CIRA Timeout[0]Watchdog[Disabled]SOL Terminal Type[VT100]Enable Redirection[Enabled]Enter Intel(R) MEBx Setup[Disabled]Un-Configure ME[Disabled]Hide Un-Configure ME Confirmation.[Disabled]MEBx Debug Message output[Disabled]USB Provision[Enabled]> MEBX Resolution Setting	Enable/Disable Intel(R) Active Management Technology BIOS Extension. Note : iAMT H/W is always enabled. This option just controls the BIOS extension execution. If enabled this requires additional firmware in the SPI device

ME ConfigurationItem Specific HelpME FW Version ME Firmware Intel(R) ME8.0.0.1351 Intel(R)ME 5MB firmware Intel(R) ME Intel(R) ME Intel(R) ME IDisabled]Enable/Disable Intel(R) Management Engine.ME Debug Event Service MDES for BIOS HE LID Construct ID sabled]Item Specific Help	Ph Advanced	oenix SecureCore Tiano Setu	p
ME FW Version8.0.0.1351Enable/DisableME FirmwareIntel(R)ME 5MB firmwareIntel(R) ManagementIntel(R) ME[Enabled]ME Debug Event Service[Disabled]MDES for BIOS[Disabled]	ME Confi	guration	Item Specific Help
	ME FW Version ME Firmware Intel(R) ME ME Debug Event Service MDES for BIOS ME IFR Feature	8.0.0.1351 Intel(R)ME 5MB firmware [<mark>Enabled</mark>] [Disabled] [Enabled] [Enabled]	Enable/Disable Intel(R) Management Engine.

3. Please hit (CTRL+P) while booting up to get into the MEBx settings.(Motherboard needs depend HDD storages first.)



4. The default password is " admin".



Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME Copyright(C) 2003-12 Intel Corporation. All Rights Reserv	v8.0.0.1351 ved
MAIN MENU	
MEBx Login > Intel(R) ME General Settings > Intel(R) AWT Configuration MEBx Exit Intel(R) ME Password Intel(R) ME Password	
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit	

- 5. Change to a stronger password. Guidelines for creating a good Intel[®] AMT ME password :
 - The minimum length: 8 characters
 - At least one digit character: 0...9
 - At least one non alpha-numeric character: !,\$,~,#,_,+,-...
 - Latin characters: both lower-case (a,b,...,z) and upper case (A,B,...,Z)

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	MAIN MENU
MEBx Login > Intel(R) ME General Settings > Intel(R) AMT Configuration MEBx Exit	Intel(R) ME New Password
Intel(R) ME Password	
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit

Intel(R) Management Engine BIOS Copyright(C) 2003-12 J	Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Intel Corporation. All Rights Reserved
	MAIN MENU
MEBx Login > Intel(R) ME General Settings > Intel(R) AMT Configuration MEBx Exit Intel(R) ME Password	Verify password
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit

6. Choose Intel[®] AMT Configuration

Intel(R) Management Eng: Copyright(C) 20	ine BIOS Extension v8.0.0 003–12 Intel Corporation.	.0057/Intel(R) ME v8.0.0.13 All Rights Reserved	51
	HAIN HENU		
> Intel(R) ME General Set > Intel(R) AMT Configurat MEBx Exit	tings ion		
[^v]=Move Highlight	[Enter]=Select Entry	[Esc]=Exit	

7. Set Manageability Feature Selection [enabled]

Intel(R) Management Engine BIOS Exte Copyright(C) 2003-12 Intel	nsion v8.0.0.0057/Intel(R) ME v8.0.0.1351 Corporation. All Rights Reserved
INTEL(R) A	IT CONFIGURATION
Manageability Feature Selection > SOL/IDER/KVM	<enabled></enabled>
> User Consent Password Policy > Network Setup	<anytime></anytime>
Activate Network Access Unconfigure Network Access	<full unprovision=""></full>
> Kemote Setup Hnd Contiguration	Disabled
[^v]=Move Highlight [Enter]=Sel	ect Entry [Esc]=Exit

Intel(R) Management Engine BIOS Ext Copyright(C) 2003-12 Intel	tension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Corporation. All Rights Reserved
INTEL(R)	AWT CONFIGURATION
Manageability Feature Selection > SOL/IDER/KVM > User Consent Password Policy > Network Setup Activate Network Access Unconfigure Network Occess Unconfigure Network Occess Unconfigure Network Occess to factory definitions to factory definitions	<pre> KEnabled></pre>
[^v]=Move Highlight [Enter]=Se	elect Entry [Esc]=Exit

8. Select Network Setup

1 10 M	Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Copyright(C) 2003-12 Intel Corporation. All Rights Reserved	
	INTEL(R) ANT CONFIGURATION	
>	Manageability Feature Selection <enabled> SOL/IDER/KVM</enabled>	
>	User Consent Password Policy <anytime></anytime>	
	Activate Network Access Unconfigure Network Access Perete Setur Ord Configuration	
	Remote Setup And Configuration	
	[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit	

Select TCP/IP Settings

Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Copyright(C) 2003-12 Intel Corporation. All Rights Reserved
INTEL(R) ME NETWORK SETUP
<pre>> Intel(R) ME Network Name Settings > TCP/IP Settings</pre>
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit

Select Wired LAN IPV4 Configuration

Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Copyright(C) 2003-12 Intel Corporation. All Rights Reserved
TCP/IP SETTINGS
> Wired LAN IPV4 Configuration
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit

Select DHCP Mode as [Disabled]

Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Copyright(C) 2003-12 Intel Corporation. All Rights Reserved	
WIRED LAN IPV4 CONFIGURATION	
DHCP Mode	<enabled></enabled>
Enable/Disable IPV4	Disabled Enabled DHCP Mode
[^v]=Move Highlight	[Enter]=\$elect Entry [Esc]=Exit

IP address settings for reference

IPv4 Subnet Mask

IPv4 DNS Servers

IPv4 WINS Server

IPv6 Default Gateway IPv6 DNS Server

1

IPv4 Default Gateway

NetBIOS over Tcpip En... Yes

255.255.255.0

192.168.3.254

192.168.1.2 168.95.1.1

Link-local IPv6 Address fe80::59a4:15ef:9d30:b1b7%15

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ntel(R) Management Copyright(C	Engine BIOS Extension v8.0.0.0057/I) 2003-12 Intel Corporation. All Ri	ntel(R) ME v8.0.0.1351 ghts Reserved
	WIRED LAN IPV4 CONFIGURATION	
DHCP Mode IPV4 Address Subnet Mask Address Default Gateway Add Preferred DNS Addre Alternate DNS Addre	<pre><disabled> 192.168.3.101 255.255.255.0 ress 192.168.3.254 ss 192.168.1.2 ss 168.95.1.1</disabled></pre>	
Alternate DNS a	ddress	
[^v]=Move Highlight	[Enter]=Select Entry [Es	c]=Exit
Network Connection Det	ails 💌	
Property	Value	
Connection-specific DN. Description Physical Address	Intel(R) 82579LM Gigabit Network Conne	

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Close

9. Back to Intel(R) AMT Configuration and select SOL/IDER/KVM

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INTEL(R)	ANT CONFIGURATION
Manageability Feature Selection	<enabled></enabled>
 > User Consent Password Policy > Network Setup Octivate Network Occess 	<anytime></anytime>
Unconfigure Network Access > Remote Setup And Configuration	<full unprovision=""></full>
[^v]=Move Highlight [Enter]=Se	elect Entry [Esc]=Exit

Set Legacy Redirection Mode [Enabled]

Intel(R) Management Engin Copyright(C) 20	ne BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 03-12 Intel Corporation. All Rights Reserved
	SOL/IDER/KVM
Username and Password SOL IDER KVM Feature Selection Legacy Redirection Mode	<enabled> <enabled> <enabled> <enabled> KDisabled> Disabled Enabled</enabled></enabled></enabled></enabled>
[^v]=Move Highlight	[Enter]=Select Entry [Esc]=Exit

Back to Intel(R) AMT Configuration and select Activate Network Access. Hit < Y > in popup.

Intel(R) Management Engine BIOS E Copyright(C) 2003-12 Int	xtension v8.0.0.0057/Intel(R) ME v8.0.0.1351 el Corporation. All Rights Reserved
INTEL(R)) ANT CONFIGURATION
Manageability Feature Selection > SOL/IDER/KVM	<enabled></enabled>
<pre>> Oser Consent Password Policy > Network Setup Octivate Network Occord</pre>	<anytime></anytime>
Unconfigure Network Access > Remote Setup And Configuration	<full unprovision=""></full>
	Activates the current network settings and opens the ME network interface Continue:(Y/N)
[^v]=Move Highlight [Enter]=	Select Entry [Esc]=Exit

10. Your AMT client is set up successfully then exit MEBx

<pre>Intel(R) Management Engine BIOS Extension v8.0.0.0057/Intel(R) ME v8.0.0.1351 Copyright(C) 2003-12 Intel Corporation. All Rights Reserved</pre>
MAIN MENU
Intel(R) ME General Settings Intel(R) AMT Configuration MEBx Exit
Are you sure you want to exit?(Y/N):
Exit
[^v]=Move Highlight [Enter]=Select Entry [Esc]=Exit

- 11. Log in OS(WIN7 32bit) and install MEI_allOS_8.1.0.1265_5M.exe and review event recording
- 12. Connect to the internet on LAN 82579LM port.

13. Open Web Browser by another connection PC and enter http:// ipaddress:16992 in browser's address bar. The ipaddress is the IP Address of client system.For example as seen below, the full address should be

http://192.168.3.101:16992



14. Enter the username and password that you had used for MEBx in the logon .



15. Access to Intel®AMT web page .

	Sales	and the state of the second se	
(=) @ http://192.168	3.3.101:16992/index.htm	P → C @ Intel® Active Manageme ×	â ☆ (
x 🍕 🕇			
Intel [®] Active Ma	nagement Technol	ogy	(intel)
Computer:			(inter
System Status	System Status		
System	Power	On	
Processor	IP address	192.168.3.101	
Disk	IPv6 address	Disabled	
Battery	System ID	ID is not currently present in the system	
Event Log Remote Control	Date	11/16/2015	
Power Policies	Time	9:18 pm	
Network Settings	Refresh		
System Name Settings	TREACING		
Jser Accounts			
	Copyright © 2005-2011	Intel Corporation. All Rights Reserved. Intel® Active Management Technology firmware ve	ersion: 8.0.0-build 1351

16. For further information about Intel[®] AMT feature , please search by Manageability Developer Tool Kit on Intel website :

Reference:<u>https://downloadcenter.intel.com/search?keyword=Intel%C2%AE+AMT</u>

ftp://download.intel.com/support/motherboards/desktop/sb/intelmebxs

Taiwan Commate computer Inc.	
Address	19F., NO.94, Sec. 1, Xintai 5 th Rd., Xizhi Dist., New Taipe
	City 22102, Taiwan.
TEL	+886-2-26963909
FAX	+886-2-26963911
Website	www.commell.com.tw
E-mail	info@commell.com.tw (General infomation)
	tech@commell.com.tw (Technical Support)