HOWTO Intel server board S2400BB for remote management (RU)

Для того чтобы зайти в меню настройки BIOS необходимо нажать клавишу F2.

强 JViewer[10.169.50.4] - 8 fps		
<u>V</u> ideo <u>K</u> eyboard Mo <u>u</u> se <u>O</u> ptions <u>D</u> evic	e <u>H</u> elp	Macros: Ctrl Alt Del Alt Tab
Antio Setum Utilitu	- Comuniant (C) 2010 - 2013 (American Megatrends. Inc.
Main Advanced Se	curity Server Management Boo	ot Options Boot Manager 🕨
Terrel in each	Alexia interfere	(Freehled) Directory the
Platform TD	S2400RB	logo screen during POST.
	GETOVDD	[Disabled] - Display
System BIOS		the diagnostic screen
BIOS Version	SE5C600.86B.02.02.0002	during POST.
build bate	12/23/2013 12:10:43	
Memory		
Total Memory	48 GB	
Quiet Boot	[Fushled]	at: Salact Screen
POST Error Pause	[Disabled]	↑↓: Select Item
		Enter: Select
System Date	[Thu 10/02/2014]	+/-: Change Opt.
System Time	[13:44:51]	F1: General Help F9: Setup Defaulte
		F10: Save ESC: Exit
	. Comuniant (C) 2010 - 2013 Ar	merican Mematrends, Inc.
	Evis n	ior routh hoge of ond of a first
Keyboard, Video and Mouse redirection		

Необходимо перейти на закладку Advanced -> Processor Configuration. Переключить параметры Intel (R) Virtualization Technology и Intel (R) VT for Directed I/O в состояние Enabled.

Intel(R) QPI Frequency Select Enhanced Intel SpeedStep(R) Tech Processor C3 Processor C6 Active Processor Cores Execute Disable Bit Intel(R) Virtualization Technology Intel(R) UT for Directed I/O Interrupt Remapping Coherency Support AIS Support Pass-through DMA	[Auto Max] [Enabled] [Disabled] [Enabled] [A11] [Enabled] [Enabled] [Enabled] [Enabled] [Enabled] [Enabled] [Enabled]	 ▲ Intel(R) Virtualization ▲ Technology allows a platform to run multiple operating systems and applications in independent partitions. Note: A change to this option requires the ★ Select Screen 14: Select Item Enter: Select ★ Select Item Enter: Select ★ Change Opt. F1: General Help F9: Setup Defaults F10: Save ESC: Exit
Directed I/O Interrupt Remapping Coherency Support ATS Support Pass-through DMA Support Version 2.14.1219. Co	[Enabled] [Disabled] [Enabled] [Enabled] pyright (C) 2010 -	 */-: Change Opt. F1: General Help F9: Setup Defaults F10: Save ESC: Exit 2013 American Megatrends, Inc.

Далее необходимо перейти на закладку Advanced -> Mass Storage Controller Configuration. Здесь переключаем параметр AHCI Capable SATA Controller в состояние RAID Mode.

Aptio Setup Utility - Copyright (C) 2010 - 2013 American Megatrends, Inc.	<mark>₩ JViewer[10.169.50.10] - 14 fps</mark> Video Keyboard Mo <u>u</u> se Options Device Help	□ × Macros: Ctrl Alt Del Alt Tab
has beinge control contiguation	Aptio Setup Utility - Copyright (C) 2010 - 2013 A Mass Storage Controller Configuration	merican Megatrends, Inc.
Mass Storage Controller ConfigurationAHCI Controller2 ports of 66b/s SATA ConfigurationSATA/SAS Controller4 ports in SAS modeConfigurationA ports in SAS modeConfigurationAHCI Capable SATAAHCI HDD StaggeredDisabledI Spin-UpAHCI Capable RAID[INTEL (R) ESRT2 (LSI*)]OptionsSAS/SATA CapableSAS/SATA Capable[INTEL (R) RSTe]ControllerIntel (R) Storage Module- NoneV	Mass Storage Controller Configuration AHCI Controller 2 ports of 66b/s SATA Configuration 3ATA/SAS Controller 4 ports in SAS mode Configuration 4 ports in SAS mode Configuration AHCI Capable SATA IRAID Model Controller AHCI HDD Staggered Disabledl Spin-Up AHCI Capable RAID [INTEL (R) ESRT2 (LSI*)] Options SAS/SATA Capable [INTEL (R) RSTel Controller Intel (R) Storage Module - None	 Compatibility provides PATA emulation on the SATA device Enhanced provides Native SATA support AHCI enables the Advanced Host Controller Interface, which provides Enhanced *: Select Screen 14: Select Item Enter: Select */-: Change Opt. F1: General Help F9: Setup Defaults F10: Save ESC: Exit
Version 2.14.1219. Copyright (C) 2010 - 2013 American Megatrends, Inc.	Version 2.14.1219. Copyright (C) 2010 - 2013 Am	erican Megatrends, Inc.

Далее необходимо перейти на закладку Server Management. Переключаем параметр Resume on AC Power Loss в состояние Power On.

Uideo Keybe	0.169.50.10] - 0 fps oard Mo <u>u</u> se <u>O</u> ptions <u>D</u> evice	<u>H</u> elp	_ □ X Macros: Ctrl Alt Del Alt Tat
	Aptio Setup Utility -	Copyright (C) 2010 - 3	2013 American Megatrends, Inc.
	Main Advanced Secu Assert NMI on SERR Assert NMI on PERR PCIe AER Support Log Correctable Errors Reset on CATERR Reset on ERR2 Resume on AC Power Loss	rity Server Managemen Enabled Enabled Enabled Disabled Enabled Enabled Enabled Enabled Enabled	 ■ Boot Options Boot Manager → ■ On SERR, generate an NHI and log an error. Note: EnabledI must be selected for the Assert NHI on PERR setup option to be visible. >++: Select Screen
	Power Restore Delay Power Restore Delay Value Clear System Event Log	Disabled] 25 Disabled]	14: Select Item Enter: Select +/-: Change Opt. F1: General Help F9: Setup Defaults F10: Save ESC: Exit
	FRB-2 Enable Version 2.14.1219.	IEnabled] Copyright (C) 2010 - 2	013 American Megatrends, Inc.

Переходим в меню Server Management -> Console Redirection. Переключаем параметр Console Redirection в значение Serial Port B.

Переходим в меню Server Management -> BMC LAN Configuration.

Aptio Setup Utility - Main Advanced Secu	- Copyright (C) 2010 - urity Server Managemen	2013 American Megatrends, Inc. t Boot Options Boot Manager ▶	
Clear System Event Log	[Disabled]	▲ View/Configure BMC LAN and user settings	
FRB-2 Enable	[Enabled]		
OS Boot Watchdog Timer	[Disabled]		
OS Boot Watchdog Timer Policy	[Power Off]		
OS Boot Watchdog Timer Timeout	[10 minutes]	→+: Select Screen	
Plug & Play BMC Detection	[Enabled]	Enter: Select Tem Enter: Select +/-: Change Opt. F1: General Help E9: Setur Defaulte	
 Console Redirection System Information BMC LAN Configuration 		F10: Save ESC: Exit	
Version 2.14.1219.	Copyright (C) 2010 - 2	013 American Megatrends, Inc.	

Настраиваем раздел Intel (R) RMM4 LAN configuration. Необходимо задать статической IP адрес для удалённого управления физическим сервером.

Задаём пароль пользователя с административными правами.

В поле User ID выбираем root, в поле User Status - Enabled, в поле User Password - root дважды.

eo <u>Keyboard Mouse Options D</u> evice	} <u>H</u> elp	Macros: Ctrl Alt Del Alt
Aptio Setup Utility	- Copyright (C) 2010 - 201 BMC LAN Configurati	3 American Megatrends, Inc.
IPv6	[Disabled]	▲ Select the User ID to
		configure: User1
Intel(R) RMM4 LAN co	mfiguration	(anonymous), User2
Intel(R) RMM4	Intel(R) RMM4+DMN	(root), and User3/4/5
IP Source	IStatic]	are supported.
IP Address	10.169.50.10	
Subnet Mask	255.255.255.0	
Gateway IP	10.169.50.1	
Tutol(D) DMM4 ION T	luf configuration	
Inter(K) Knn4 LAN II	vo configuration	Live Salast Sanaan
RMC DHCD Hoot Name	DCM	the Soloct Iton
DIC DICE HOST Hame	DCH	Futor: Select
User Configuration		+/-: Change Out
User ID	[anonumous]	F1: General Heln
Privilere	[Administrator]	F9: Setup Defaults
llser Status	[Fnahled]	F10: Saue FSC: Fxit
User Name	anonumous	
User Password	unonginous	
Version 2.14.1219	Copyright (C) 2010 - 2013	8 American Megatrends, Inc.

Сохраняем изменения кнопкой F10 -> Yes.