

Windows Server 2016 LSI Embedded MegaRAID Driver Installation Guide (17.01.2016.0817)

Preparations

(1) Create a media for installing driver.

You need to create an USB removable media(*1) or DVD media for installing driver in advance.

*1 If you use optical disk drive for installing Windows Server 2016, you can use DVD media for driver installation.
*2 x is an arbitrary number

(2) Configure the RAID system

Configure the RAID by EXPRESSBUILDER or offline tool, before installing Windows Server 2016.

Requirements for Setup

(1) Either of the following OS installation media

- NEC operating system installation media (hereafter referred to as Backup DVD-ROM)

- Microsoft operating system installation media (hereafter referred to as *Windows Server* 2016 DVD-ROM)

(2) Windows Server 2016 Support Kit of the target server.

(3) The USB removable media or DVD media created in [Preparations]

Setting up Windows Server 2016

(1)Turn the server power on, insert the OS installation media into the optical disk drive(2)The message "Press any key to boot from CD or DVD..." is displayed on the top of the screen.

Press <Enter> key to start the system from the installation media.

The boot sequence proceeds and the message "Windows is loading files..." appears.

(3) In case of using backup DVD, choose the OS language if the following screen appears.



(4) Click Next.

Windows Setup				
	Hang Win	idows Serve	er• 2016	
Lan	guag <u>e</u> to install: <mark>Engl</mark> i	ish (United States)		
<u>T</u> ime and c <u>K</u> eyboard o	urrency format. Engli r input method: US	ish (United States)		<u>•</u>
Enter	r your language and o	ther preferences ar	d click "Next" to cont	inue.
© 2016 Microsoft Corporat	tion. All rights reserved.			Next

(5) Click Install now.

🟜 Windows Setup	
Windows Server* 2016	
Install now	
<u>R</u> epair your computer	
© 2016 Microsoft Corporation. All rights reserved.	

(6) If the following message appears, go to step (7). If not, go to step (9).

Load Driver	×
A media driver your computer needs is missing. This could be a DVD, USB or Hard disk driver. If you have a CD, DVD, or USB flash drive with the driver on it, please insert it now. Note: If the installation media for Windows is in the DVD drive or on a USB drive, you	
Browse OK Cancel	

- (7) Connect USB removable device to server, click Browse and select the following folder, and then click OK. \Driver
- (8) Select the following driver from the driver list shown, and then click **Next**. **LSI Embedded MegaRAID**

(9) Enter the product key and click **Next**.

Activate Windows By this is the first time you're installing Windows on this PC (or you're installing a different edition), you need to enter a valid Windows product ky, Your product ky should be in the confirmation multiple of the term and term a	Windows Setup		
If this is the first time you're installing Windows on this PC (or you're installing a different edition), you need to enter a valid Windows product key Your product key should be in the confirmation email you received after buying a digital copy of Windows or on a label inside the box that Windows came in. If product key looks like this: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Activate Windows		
The product key looks like this: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	If this is the first time you're installi you need to enter a valid Windows email you received after buying a d Windows came in.	ng Windows on this PC (or you're installing a different ed product key. Your product key should be in the confirme figital copy of Windows or on a label inside the box that	ition), tion
If you're reinstalling Windows, select I don't have a product key. Your copy of Windows will be automatically activated later.	The product key looks like this: XXX	000-300000-300000-300000	
Privacy datement 1 don't have a product key Next	If you're reinstalling Windows, selection automatically activated later.	ct I don't have a product key. Your copy of Windows will I	be
Privacy datement 1 don't have a product key Next	Į.		
Privacy statement I don't have a product key Next			
	Privacy statement	I don't have a product key	Next

TIPS: If you are using Backup DVD-ROM, this screen does not appear.

(10) Select the operating system you want to install and click Next.

Select the operating system you want to install		_
Operating system	Architecture	Date modified
Windows Server 2016 Standard	±64	9/16/2016
Windows Server 2016 Standard (Desktop Experience)	x64	9/16/2016
Windows Server 2016 Datacenter	x64	9/16/2016
windows Server 2010 Datacenter (Desktop Experience)	304	3/10/2010
Description: This option (recommended) reduces management and serv to run most server roles and applications. It does not include server locally remotely with Windows PowerShell or other Server Installation Options."	cing by installing or a GUI, but you can tools. For more det	hy what is needed fully manage the ails see "Windows <u>Next</u>

The options listed on the screen vary depending on the installation media you are using.

(11) Read the license terms carefully. If you agree, check **I accept the license terms** and click **Next**.

(12) Select the installation type.

Select Custom: Install Windows only (advanced) in this case.

Which typ	e of installation do you want?	
Upgrade: The files, se aveilable wf	install Windows and keep files, settings, and applications things, and applications are moved to Windows with this option. This option is or en a supported version of Windows is already funning on the computer.	nly
Custom: In The files, se make chang recommend	nstall Windows only (advanced) tings, and applications aren't moved to Windows with this option. If you want to see to partitions and drives, start the computer using the installation disc. We backing up your files before you continue.	
Help me dec	ide	

- (13) "Where do you want to install Windows?" window appears. If the driver was loaded in step (6) and (7), go to step (16). If you select Load Driver, the following message appears.
- (14) Connect USB removable device to server, click Browse and select the following folder, and then click OK.

\Driver

Load Driver		
To install the driver need the installation media co click OK.	led to access your h ntaining the drive:	ard drive, insert r files, and then
Note: The installation med USB flash drive.	dia can be a floppy	disk, CD, DVD, or
Browse	OK	Cancel

Tips: When using a DVD media, replace the DVD media and select the optical disk drive

(15) Select the following driver from the driver list shown, and then click **Next**. **LSI Embedded MegaRAID**

If you inserted the DVD media, remove it, and then insert the OS installation media.

(16) Click **New**. If a partition has already been created, go to step (18).

Name		T	otal size	Free space	Туре		
Drive 0 Una	llocated Space	1	171.6 GB	371.6 GB			
Refresh	XDelete	Form	at	- New			
Load driver	Extend	Size	B80479	HB A	pply	ancel	
						Sautoparon ;	
					1	lext	
						_	

(17) Specify the partition size in the text box, and the click **Apply**.

Name Drive0	Inallocated Space	Total size 186.3 GB	Free space Type 186.3 GB	
€ <u>n</u> <u>R</u> efresh € Load driver	N Delete	Earmat	<mark>⊯</mark> N <u>e</u> w	

When the following window appears, click **OK**.



Tips: When creating a partition, the OS creates the following partitions at top of the hard disk drive.

(18) Select the partition created in step (16), and then click **Format**.

(19) Select the created partition, and then click Next.

Name Itelatistic Precipice Type Dive 0 Partition 1: Recovery 300.0 M8 273.0 M8 Recovery Dive 0 Partition 2 100.0 M8 95.0 M8 System Dive 0 Partition 3 128.0 M8 128.0 M8 Reserved) Dive 0 Partition 4 278.4 G8 278.4 G8 Primary	Where do y	ou want to install Wi	indows?		
Drive 0 Partition 1: Inservery 300.0 MB 27.5 0 MB Recovery Drive 0 Partition 2 100.0 MB 95.0 MB Stytem Drive 0 Partition 3 128.0 MB 128.0 MB MSR (Reserved) Drive 0 Partition 4 278.4 GB 278.4 GB Primary Partition 4 278.4 GB 278.4 GB Primary Drive 0 Partition 4 Partition 4 278.4 GB Primary Drive 0 Partition 4 P	Name		Total size	rree space	type
Drive 0 Partition 2 100.0 MB 55.0 ME System Drive 0 Partition 3 128.0 MB 128.0 MB 128.0 MB NSR (Reserved) Drive 0 Partition 4 278.4 GB 278.4 GB Primary fr Edmeth X Delete Pornut Pornu	Orive 0	Partition 1: Recovery	300.0 MB	273.0 MB	Kecovery
Drive 0 Partition 3 128.0 MB 128.0 MB 128.0 MB NSR (Reserved) Drive 0 Partition 4 278.4 GB 278.4 GB Primary Fedreah X Delete Pornat Pornat New Load driver Second	Drive 0	Partition 2	100.0 MB	95.0 MB	System
Drive B Partition 4 278.4 GB 278.4 GB Primary Partition Partiteo Partition Partition Partition Partition	Drive 0	Partition 3	128.0 MB	128.0 MB	MSR (Reserved)
fg Ediresh X Delete. I Dominit III Negw I Load driver 2 Edirod <u>Next</u>	Orive 0	Partition 4	278.4 GB	278.4 GB	Primary
Cond driver 🖓 Estand	€ <u>p B</u> efresh	× Delete		iii Ngw	
Net	🛃 Load driver	🔐 Extend			
Net					
					Next

When the following message appears, Windows installation starts automatically.



- (20) Refer to Windows Server 2016 Installation Guide after the installation is complete.
- (21) When the installation is complete, right-click on the following file and select Run as Administrator.

 $Setup \ is \ now \ complete.$