

NECExpress5800/T110h-S

Getting Started!



Be sure to read this guide carefully before using this server and keep this guide for future use.

Read and follow *Safety Precautions and Regulatory Notices* that comes with this product first.

The following describes the procedures from opening the carton box to starting using this product. Be sure to follow these steps.

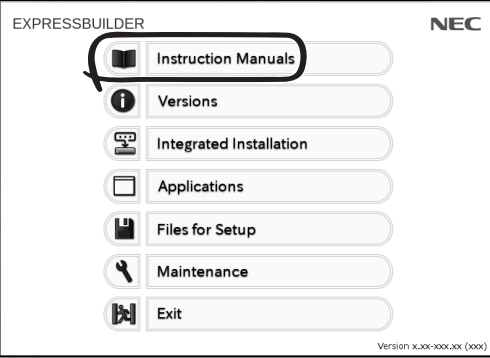
Instruction Manuals

Instruction manuals are available at NEC Web Site (<http://www.nec.com/>). To see the manuals in EXPRESSBUILDER, follow the steps below.

- (1) If you already have the EXPRESSBUILDER DVD, set the DVD into a computer running Windows. Follow the on-screen messages to start the menu, and then go to (4).

Tips: You can download EXPRESSBUILDER from NEC Web Site.

- (2) To install Windows, follow this guide (reverse side).
- (3) After installing Windows, click **NEC EXPRESSBUILDER** on the desktop or Start Menu.
- (4) Click **Instruction Manuals** on the following menu.



Step 1 Check the accessories

Open the carton box, and then make sure you have all the accessories listed below:

- Express5800/T110h-S server × 1
- Getting Started (this guide) × 1
- Safety Precautions and Regulatory Notices × 1
- SDR Update CD-ROM × 1
- Bezel lock key × 2*1
- Power cord × 1 or × 2*2
- Rubber foot × 4
- Screw set (502) × 1
- Mouse × 1
- Keyboard × 1
- Cable tie (for securing AC power cord) × 1 or × 2*2

Important: Keep accessories for future use.

*1: Included with a 2.5-inch HDD cage
*2: EXP333A only

Step 2 Install internal optional devices

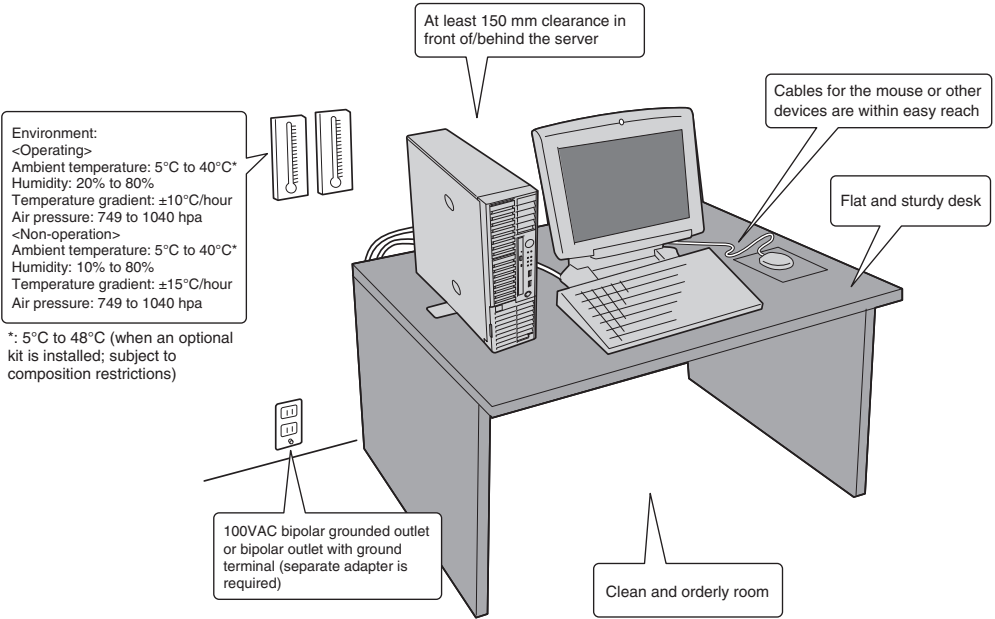
Install internal optional devices. Go to Step 3 if you have not purchased optional devices or if you purchased a Build to Order (BTO) product.

Note: See “Installing Internal Optional Devices” in *User’s Guide* and the manual that comes with the optional device.

Step 3 Place the server to a proper location

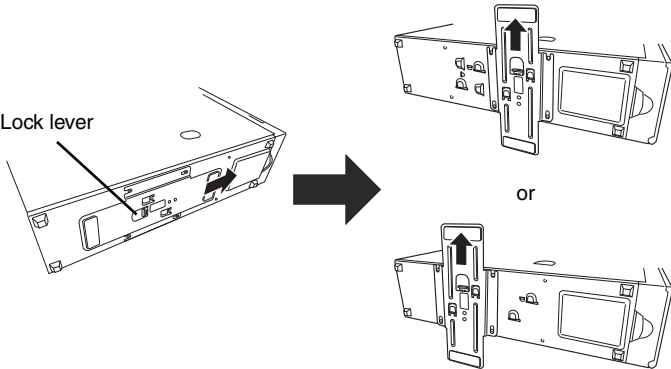
Determine the location to place this product.

Note: See “Installation and Connection” in *User’s Guide*.



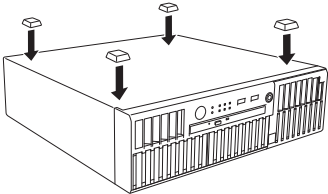
For vertical mounting

Release the lock lever, and then remove the stabilizers. Attach the removed stabilizers as shown in the figure below. For details, see “Preparation for installation” in *User’s Guide*.



For horizontal mounting

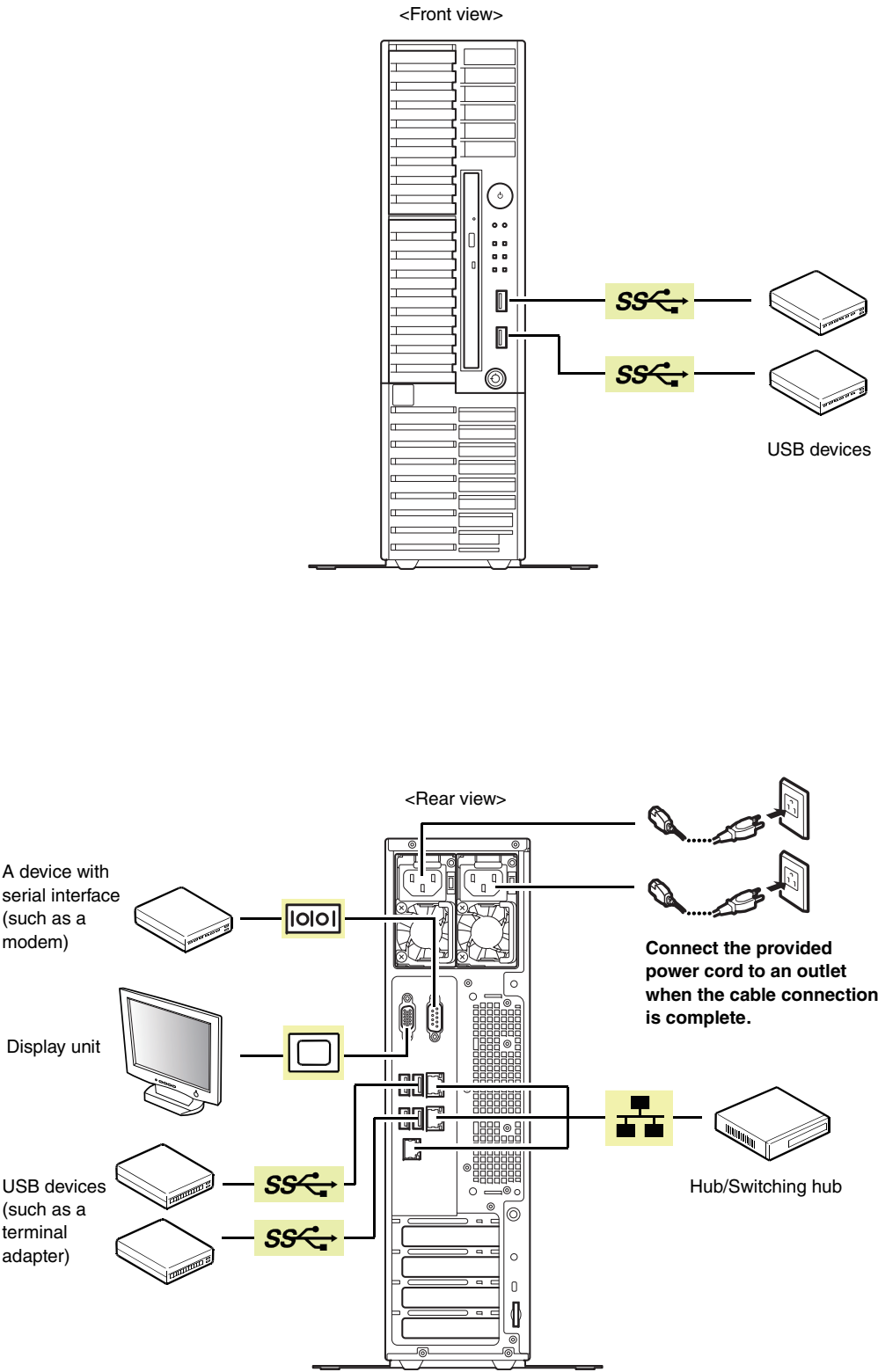
Attach the vent holes cover for cooling on the right side of the server, and then attach the provided rubber feet to the bottom of the server. For details, see “Preparation for installation” in *User’s Guide*.



Step 4 Connect cables

Connect cables to the server.

Note: See “Installation and Connection” in *User’s Guide*.



Step 5 Turn on the server, and then set up the OS

Follow the steps below to set up the server.

- (1) Remove peripherals except display, keyboard and mouse, and then turn on a display.
- (2) If STATUS LED 1 lights green and STATUS LED 2 lights amber, wait until these LEDs are turned off.
- (3) Press POWER Switch.
NEC logo will appear on the screen.

Important: If an error message appears on the screen or beeps are heard repeatedly after turning on the server, write down the displayed message or the beeps pattern, and then contact your sales representative.

- (4) Press <F2> key while the following message appears on the bottom of screen.
(The message depends on hardware configuration)

Press <F2> SETUP, <F3> Internal Flash Memory, <F4> ROM Utility, <F12> Network

BIOS Setup Utility will start after a while.

- (5) Change the following BIOS settings depending on the OS.

	X2APIC ^{*1}	Boot Mode ^{*2}
Windows Server 2012 R2	Enabled	UEFI
Windows Server 2012	Enabled	UEFI
Windows Server 2008 R2	Disabled	Legacy

*1 Choose **Advanced** menu, and then choose **Processor Configuration**.

*2 Choose **Boot** menu.

Press <F4> key to save the changes.

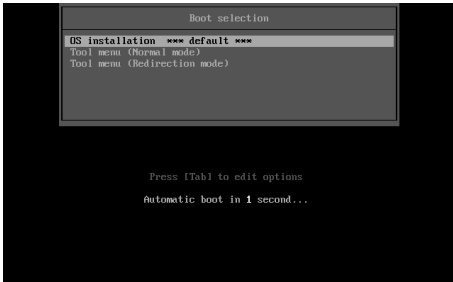
The server restarts automatically after the utility is terminated.

- (6) Press <F3> key while the following message appears on the bottom of screen.

Press <F2> SETUP, <F3> Internal Flash Memory, <F4> ROM Utility, <F12> Network

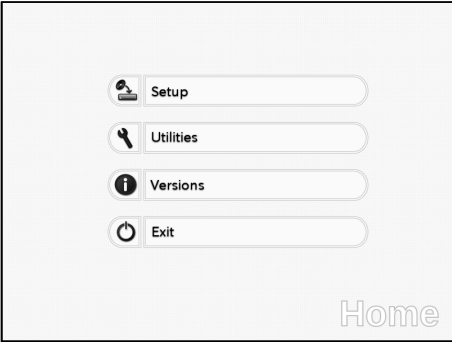
Tips: You can run EXPRESSBUILDER when inserting EXPRESSBUILDER DVD into the server instead of pressing <F3> key.

EXPRESSBUILDER will start after a while.



- (7) Choose **OS installation** from Boot Selection Menu.

- (8) Choose your language and agree the end user license.
The following menu will appear.



- (9) Choose **Setup** from Home Menu.

- (10)To choose installed OS, click a button on the menu of step 1, and then click the right arrow icon to proceed.

- (11)To specify settings, click a button on the menu of step 2, and then click the right arrow icon to proceed.

- (12)After confirming the settings, click the right arrow icon of step 3, and then click **Start** of step 4.

- (13)To proceed with setup, follow the on-screen message. In the automatic installation, do not operate the keyboard and mouse until the OS license screen appears.

- (14)After the OS installation, configure the OS and drivers, if necessary. For details, see *Installation Guide (Windows)*.

Tips: To see the guide, click NEC EXPRESSBUILDER on the desktop or go to NEC Web Site.

Windows Service Pack

When applying Windows Service Pack to this server, see “Supported Service Pack” in *Installation Guide (Windows)*.

Step 6 Install the bundled software

The following software is bundled with this server. Install the software as needed.

Tips: “PC for Management” can assign a general Windows computer.

You can also use this server as “PC for Management”.

Name	Where to Install	Description
NEC ESMPRO ServerAgentService	Server	Monitors the server status.
NEC ESMPRO Agent Extension	Server	Remotely controls the server.
Express Report Service	Server	Informs the support center of the failure information.
Express Report Service (HTTPS)	Server	Informs the support center of the failure information.
NEC ExpressUpdate Agent	Server	Manages and updates the versions of firmware, software, and other products installed in the server.
Universal RAID Utility(URU)	Server	Manages and monitors the RAID controller.
Product Info Collection Utility	Server	Collects information for maintenance.
Ezclct Viewer	Server	Display the log files collected by Product Info Collection Utility.
Server Configuration Utility	Server	Sets up BMC.
NEC ESMPRO Manager	PC for Management	Manages the server by integrating with NEC ESMPRO ServerAgentService or other products.
Express Report Service (MG)	PC for Management	Informs the support center of the failure information.

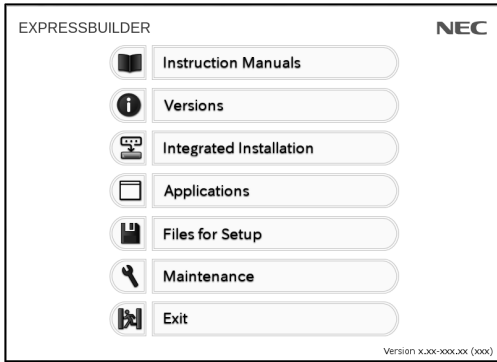
To install bundled software, follow the steps below.

Tips: For details about bundled software, see the manuals by clicking “Instruction Manuals” in step 3 below.

- (1) When installing bundled software into the server, start Windows installed in the server. When installing bundled software into “PC for Management”, start Windows installed in the PC.

- (2) Log on to Windows as an administrator.

- (3) When installing into the server, click **NEC EXPRESSBUILDER** on the desktop. When installing into “PC for Management”, download EXPRESSBUILDER and set it to the PC.
The following menu will appear.



Tips: You can copy bundled software to removable media by clicking **Maintenance** and can install the software into the PC with the media.

- (4) Click **Integrated Installation** or **Applications** on the menu.

- (5) Select bundled software to install.

- (6) Follow the on-screen message to proceed.
For details, see *Installation Guide* and other manuals.

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