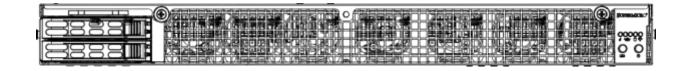
NEC SX-Aurora TSUBASA A300-4 series



USER'S GUIDE

Revision 2.0

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Preface

About this Guide

This Guide is written for professional system integrators and PC technicians. It provides information for the installation and use of the SX-Aurora TSUBASA A300-4 series. Installation and maintenance should be performed by experienced technicians only.

Please refer to the A300-4 series server specifications page on our website for updates on supported memory, processors and operating systems (http://www.nec.com/en/global/prod/hpc/aurora/document/).

Notes

For your system to work properly, please follow the links below to download all necessary drivers/utilities and the user's guide for your server.

- NEC product manuals: http://www.nec.com/en/global/prod/hpc/aurora/document/
- Product safety info: http://www.nec.com/en/global/prod/hpc/aurora/document/safety_information.pdf

This Guide may be periodically updated without notice. Please check the NEC website for possible updates to the manual revision level.

Warnings

Special attention should be given to the following symbols used in this manual.



Warning! Indicates important information given to prevent equipment/property damage or personal injury.



Warning! Indicates high voltage may be encountered when performing a procedure.

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Chapter 1

Introduction

1.1 Overview

This chapter provides a brief outline of the functions and features of the SX-Aurora TSUBASA A300-4 Series.

1.2 Unpacking the System

Inspect the box the SX-Aurora TSUBASA A300-4 Series was shipped in and note if it was damaged in any way. If any equipment appears damaged, please file a damage claim with the carrier who delivered it.

Decide on a suitable location for the rack unit that will hold the server. It should be situated in a clean, dust-free area that is well ventilated. Avoid areas where heat, electrical noise and electromagnetic fields are generated. It will also require a grounded AC power outlet nearby. Be sure to read the precautions and considerations noted in Appendix B.

1.3 System Features

The following table provides you with an overview of the main features of the SX-Aurora TSUBASA A300-4 series. Please refer to Appendix C for additional specifications.

System Features

Motherboard

Supermicro X11DGQ

Chassis

Supermicro SC118GQETS-R2K05P2

CPU

Supports dual Intel Xeon 6148/6126/4108 [A300-4 model] / 6248/6226/4208 [A311-4 model] processors

Socket Type

Socket P0-LGA3647

Memory

96GB or 192GB [A300-4 model] / 192GB [A311-4 model]

Chipset

PCH C621

PCIe Cards

Up to four Vector Engine 1.0 [A300-4 model] / 1.0E [A311-4 model] cards

Up to two InfiniBand HCA cards

Hard Drives

one fixed 2.5" internal drive [A300-4 model] / two fixed 2.5" internal drive [A311-4 model]

Power

2000W redundant power supply modules *

Form Factor

1U rackmount

Dimensions

(WxHxD) 17.2 x 1.7 x 35.2 in. (437 x 43 x 894 mm)

Host Server

A300-4-VH [A300-4 model] / A311-4-VH [A311-4 model]

^{*}Two power supplies are required. This negates the power redundancy feature.

1.4 Server Chassis Features

> Control Panel

The switches and LEDs located on the control panel are described below.

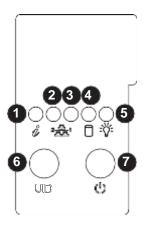


Figure 1-1. Control Panel View

Control Panel Features			
Item	Feature	Description	
1	Information LED	See table on the following page.	
2	NIC2 LED	Indicates network activity on the LAN2 port when flashing	
3	NIC1 LED	Indicates network activity on the LAN1 port when flashing	
4	HDD LED	Indicates activity on the hard drive when flashing	
5	Power LED	Indicates power is being supplied to the system power supply units. This LED should normally be illuminated when the system is operating.	
6	UID LED	The unit identification (UID) button turns on or off the blue light function of the Information LED and the blue LED on the rear of the chassis. These are used to locate the server in large racks and server banks.	
7	Power Button	The main power button is used to apply or remove power from the power supply to the server. Turning off system power with this button removes the main power but maintains standby power. To perform many maintenance tasks, you must also unplug system before servicing	

Information LED			
Status	Description		
Continuously on and red	An overheat condition has occurred. (This may be caused by cable congestion.)		
Blinking red (1Hz)	Fan failure, check for an inoperative fan.		
Solid blue	Local UID has been activated. Use this function to locate the server in a rack mount environment.		
Blinking blue	Remote UID is on. Use this function to identify the server from a remote location.		

> Front Features

The chassis is a 1U rack mount chassis. See the illustration below for the features included on the front of the chassis.

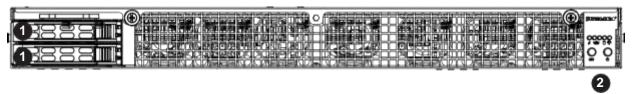


Figure 1-2. Chassis Front View

Front Chassis Features			
Item	Feature	Description	
1	Hard Drive Bays	Two 2.5" hot-swap hard drive carriers	
2	Control Panel	See previous page for details.	

Rear Features

The illustration below shows the features included on the rear of the chassis.

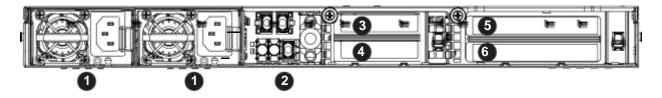


Figure 1-3. Chassis Rear View

Rear Chassis Features			
Item	Feature Description		
1	Power Supply Module	Redundant 2000W power supply	
2	I/O Ports	See Section 1.6 for details.	
3	LP1 Slot	PCI-E 3.0 x16 card for InfiniBand HCA	
4	LP2 Slot	PCI-E 3.0 x16 card for InfiniBand HCA	
5 and 6	FHFL 2 Slot	PCI-E 3.0 x16 for Vector Engine Card	

1.5 System Block Diagram

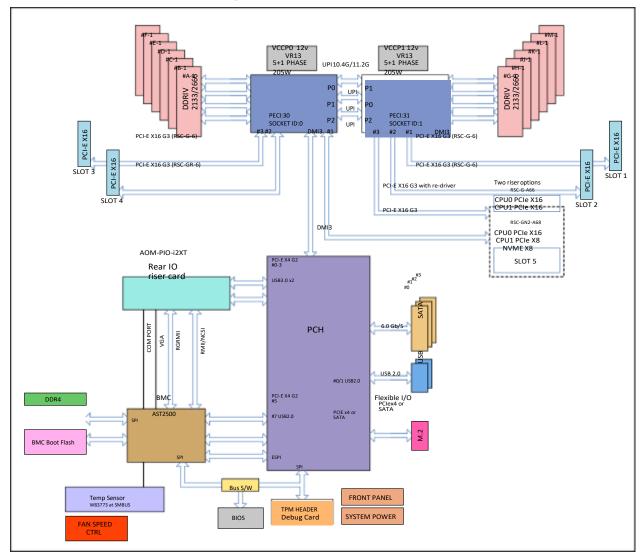


Figure 1-4. Intel PCH C621 Chipset: System Block Diagram

Note: This is a general block diagram and may not exactly represent the features on your motherboard. See the System Specifications appendix for the actual specifications of your motherboard.

1.6 Ports

Ethernet Ports

Two Ethernet ports (LAN1, LAN2) that support 10 GbE LAN connections are located on the I/O backplane. Additionally, an IPMI-dedicated LAN is located next USB 2/3 ports on the backplane. The IPMI LAN supports 1 GbE Connection. All these Ethernet LAN ports accept RJ45 type cables. Please refer to the LED Indicator Section for LAN LED information.



Figure 1-3. Rear I/O Ports

I/O Back Panel Port Descriptions				
Pin#	Definition Pin# Definition			
1	USB 2 (3.0)	5	LAN Port 2	
2	USB 3 (3.0)	6	VGA	
3	IPMI_LAN	7	UID LED	
4	LAN Port 1	8	UID Switch	

VGA Port

The onboard VGA port is located next to LAN Port 2 on the I/O back panel. Use this connection for VGA display.

> Universal Serial Bus (USB) Ports

There are two USB 3.0 ports (USB2/3) on the I/O back panel.

Back Panel USB2/3 (USB3.0) Pin Definitions			
Pin#	Definition	Pin#	Definition
1	VBUS	10	Power
2	D-	11	USB 2.0 Differential Pair
3	D+	12	
4	GND	13	Ground of PWR Return
5	Stda_SSRX-	14	SuperSpeed Receiver
6	Stda_SSRX+	15	Differential Pair
7	GND	16	Ground for Signal Return
8	Stda_SSTX-	17	SuperSpeed Transmitter
9	Stda_SSTX+	18	Differential Pair

1.7 LED Indicators

LAN LEDs

The LAN ports are located on the IO Backplane on the motherboard. Each Ethernet LAN port has two LEDs. The yellow LED indicates activity. Link LED, located on the left side of the LAN port, may be green, amber or off indicating the speed of the connection. See the tables at right for more information.

GLAN Activity Indicator (Left) LED Settings		
Color	State	Definition
Yellow	Flashing	Active

	LAN Link Indicator LED Settings
LED Color	Definition
Off	No Connection, 100 Mb/s or 10 Mb/s
Green	10 Gbps
Amber	1 Gbps

Dedicated IPMI LAN LEDs

In addition to LAN 1/LAN 2, a dedicated IPMI LAN is located on the I/O Backplane of the motherboard. The amber LED on the right indicates activity, while the green LED on the left indicates the speed of the connection. See the tables at right for more information.

IPMI LAN Link LED (Left) & Activity LED (Right)			
Color	State	Definition	
Link (Left)	Green: Solid	1000 Mbps	
Activity (Right) Amber: Blinking Active			

Unit ID LED

A rear UID LED indicator at LE1 is located near the UID switch on the back panel. This UID indicator provides easy identification of a system unit that may need service.

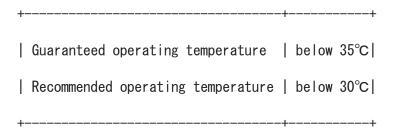
UID LED Indicator		
LED Color	Definition	
Blue (on)	Unit Identified	

1.8 Environmental specifications

Environment temperature

Please keep environment temperature at 30°C or lower to avoid throttling and performance degradation when SX-Aurora TSUBASA server is operating.

SX-Aurora TSUBASA server has thermal throttling function to protect the LSI mounted on Vector Engine card (VE card) from heat damage and to keep working. If VE LSI temperature exceeds a certain temperature, the VE reduces instruction execution rate in order to suppress heat production.



> How to confirm the throttling occurrence history

SX-Aurora TSUBASA server records throttling history. By checking VE card log, it can be confirmed if throttling happened or not. The steps are described as bellow;

If throttling occurs, please keep enough intake/exhaust space around the server to provide enough airflow and keep the room temperature at 30°C or lower.

☐ For users and programmers (without root privileges)

- Set a value "DETAIL" to the environment variable "VE PROGINF" when you run a program.
- It doesn't affect program performance at all.

If throttling occurs, Power Throttling (sec) and Thermal Throttling (sec) show values more than 0.000000. (Please check the lines marked with the token "*".)

Ex) bash				
\$ export VE_PROGINF=DETAIL				
\$ /opt/nec/ve/bin/ve_exec ./a.ou	ut			
(standard output)				
****** Program Information *	*****			
Real Time (sec)	:	192.360841		
User Time (sec)	:	1534.571764		
(skip)				
Power Throttling (sec)	:	0.000000	*	
Thermal Throttling (sec)	:	0.000000	*	
Max Active Threads	:	8		
Available CPU Cores	:	8		
Please access to "PROGINF/FTRACE User's Guide" on Aurora Forum web site, and you can find details about PROGINF.				
□For system administrators (w	ith root	privileges)		
Login to the Vector Host				
2. Execute the following comr	nands			
\$ su			≪change to super user»	
Input the password of root				
# grep 'Environmental Warning	detecti	ng' /var/log/mes	sages*	
(If throttling occurs, messages I	ike the	one described b	elow come out.)	
/var/log/messages-20190630:Ju		5:27:18 a_serve	er ve_monitor: VE_MMM4033007: VE0	

Chapter 2

Server Installation

2.1 Overview

This chapter provides advice and instructions for mounting your system in a server rack.

2.2 Preparing for Setup

The box in which the system was shipped should include the rackmount hardware needed to install it into the rack. Please read this section in its entirety before you begin the installation.

Choosing a Setup Location

- The system should be situated in a clean, dust-free area that is well ventilated. Avoid areas where heat, electrical noise and electromagnetic fields are generated.
- Leave enough clearance in front of the rack so that you can open the front door completely (~25 inches) and approximately 30 inches of clearance in the back of the rack to allow sufficient space for airflow and access when servicing.
- This product should be installed only in a Restricted Access Location (dedicated equipment rooms, service closets, etc.).

Rack Precautions

 Ensure that the leveling jacks on the bottom of the rack are extended to the floor so that the full weight of the rack rests on them.

- In single rack installations, stabilizers should be attached to the rack. In multiple rack installations, the racks should be coupled together.
- Always make sure the rack is stable before extending a server or other component from the rack.
- You should extend only one server or component at a time extending two or more simultaneously may cause the rack to become unstable.

Server Precautions

- Review the electrical and general safety precautions in Appendix B.
- Determine the placement of each component in the rack before you install the rails.
- Install the heaviest server components at the bottom of the rack first and then work your way up.
- Use a regulating uninterruptible power supply (UPS) to protect the server from power surges and voltage spikes and to keep your system operating in case of a power failure.
- Allow any drives and power supply modules to cool before touching them.
- When not servicing, always keep the front door of the rack and all covers/panels on the servers closed to maintain proper cooling.

> Rack Mounting Considerations

• Ambient Operating Temperature

If installed in a closed or multi-unit rack assembly, the ambient operating temperature of the rack environment may be greater than the room's ambient temperature. Therefore, consideration should be given to installing the equipment in an environment compatible with the manufacturer's maximum rated ambient temperature (TMRA).

Airflow

Equipment should be mounted into a rack so that the amount of airflow required for safe operation is not compromised.

Mechanical Loading

Equipment should be mounted into a rack so that a hazardous condition does not arise due to uneven mechanical loading.

• Circuit Overloading

Consideration should be given to the connection of the equipment to the power supply circuitry and the effect that any possible overloading of circuits might have on overcurrent protection and power supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

Reliable Ground

A reliable ground must be maintained at all times. To ensure this, the rack itself should be grounded. Particular attention should be given to power supply connections other than the direct connections to the branch circuit (i.e. the use of power strips, etc.).



To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. The following guidelines are provided to ensure your safety:

- This unit should be mounted at the bottom of the rack if it is the only unit in the rack.
- When mounting this unit in a partially filled rack, load the rack from the bottom to the top with the heaviest component at the bottom of the rack.
- If the rack is provided with stabilizing devices, install the stabilizers before mounting or servicing the unit in the rack.

2.3 Installing the Rails

There are a variety of rack units on the market, which may mean that the assembly procedure will differ slightly from the instructions provided. The following is a basic guideline for installing the system into a rack with the rack mounting hardware provided.

You should also refer to the installation instructions that came with the rack unit you are using. Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

Note: This rail will fit a rack between 27" and 32" deep.

Identifying the Rails

The chassis package includes two rail assemblies in the rack mounting kit. Each assembly consists of three sections: an inner rail that secures directly to the chassis, an outer rail that secures to the rack, and a middle rail that slides in the outer rail. These assemblies are specifically designed for the left and right side of the chassis.

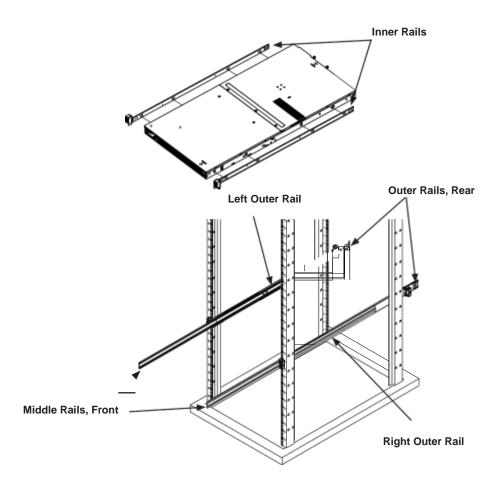


Figure 2-1. Identifying the Rail Sections

Releasing the Inner Rail

To mount the rail onto the chassis, first release the inner rail from the outer and middle rails. *Releasing the Inner Rail from the Middle and Outer Rails*

- 1. Lift the auto-lock latch and pull the inner rail until it is fully extended.
- 2. Press down the locking lever on the inside of the inner rail to release the inner rail. Continue to pull the inner rail out of the middle rail.

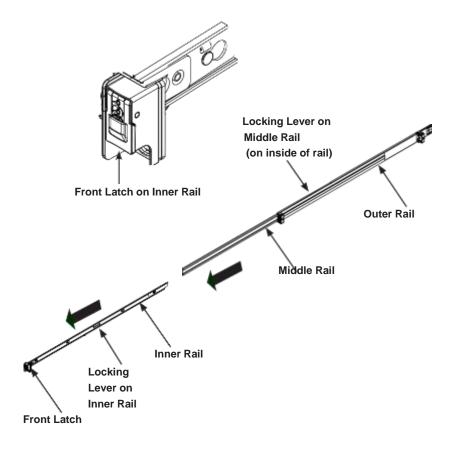


Figure 2-2. Extending the Rails and Releasing the Inner Rail

Note: Both front chassis rails and the rack rails have a locking tab, which serves two functions. First, it locks the server into place when installed and pushed fully into the rack (its normal operating position. In addition, these tabs lock the server in place when fully extended from the rack. This prevents the server from coming completely out of the rack when pulled out for servicing.



Warning: Stability hazard. The rack stabilizing mechanism must be in place, or the rack must be bolted to the floor before you slide the unit out for servicing. Failure to stabilize the rack can cause the rack to tip over.

Installing the Inner Rails on the Chassis

Installing the Inner Rails

- 1. Identify the left and right inner rails.
- 2. Place the inner rail firmly against the side of the chassis, aligning the T-studs on the side of the chassis with the slotted holes in the inner rail.
- 3. Slide the inner rail toward the rear of the chassis and under the T-studs.
- 4. An optional screw can be used to secure the rail to the chassis.

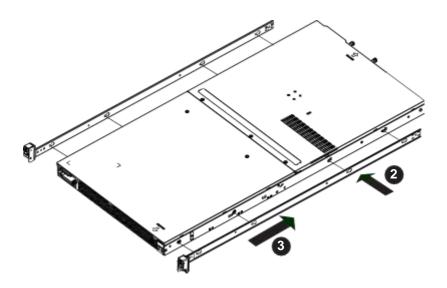


Figure 2-3. Installing the Inner Rails



Slide rail mounted equipment is not to be used as a shelf or a work space.



Warning: do not pick up the server with the front handles. They are designed to pull the system from a rack only.

Installing the Outer Rails on the Rack

Installing the Outer Rails

- 1. Confirm that the left and right outer rails have been correctly identified.
- 2. Release the small locking lever on the inside of the middle rail and push the middle rail back into the outer rail.
- 3. Insert the square pins at the front of the outer rail into the square holes on the front of the rack. Push until the latch snaps into place.
- 4. The outer rail is actually two pieces that slide to lengthen. Pull out the rear of the outer rail, adjusting the length until the square pin assembly passes, then fits against the back of the rear post. Be careful to keep the rail level.
- 5. Insert the square pins at the rear of the outer rail into the square holes on the rear of the rack. Push until the latch snaps into place.
- 6. Repeat for the other outer rail.

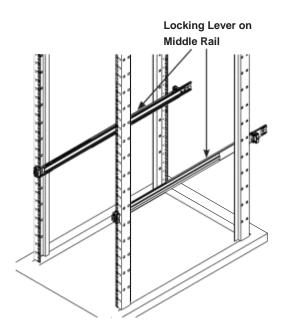


Figure 2-4. Installing the Outer Rails

Note: Figure is for illustrative purposes only. Always install servers to the bottom of a rack first.

Installing the System into the Rack

After the rails are installed on the chassis and on the rack, the server can be installed in the rack. Be sure to use sufficient personnel to lift it safely.

Installing the Chassis into a Rack

- 1. Pull the middle rail out of the front of the outer rail and make sure that the ball bearing shuttle is locked at the front of the middle rail.
- 2. Align the inner rails on the chassis with the front of the middle rails and then push evenly on both sides of the chassis. When partially in, the locking levers will stop further progress.
- 3. Press down the locking levers on the inner rails and push the chassis all the way into the rack. The front latches will click into place.

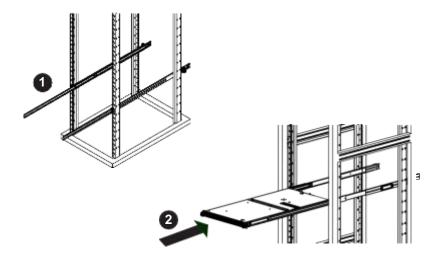


Figure 2-5. Installing the System into the Rack

Note: Figure is for illustrative purposes only. Always install servers to the bottom of a rack first.

Note: Confirmation of the installation of this equipment is confirmed with a universal pitch rack. (EIA-310D)

Removing the System from the Rack

- 1. Lift the auto-lock latches and pull the chassis out the front of the rack until it stops.
- 2. To remove the chassis from the rack completely, press the release latches on each of the inner rails downward simultaneously and continue to pull the chassis out of the rack.

Caution! It is dangerous for a single person to off-load the heavy chassis from the rack without assistance. Be sure to have sufficient assistance supporting the chassis when removing it from the rack or use a lift.

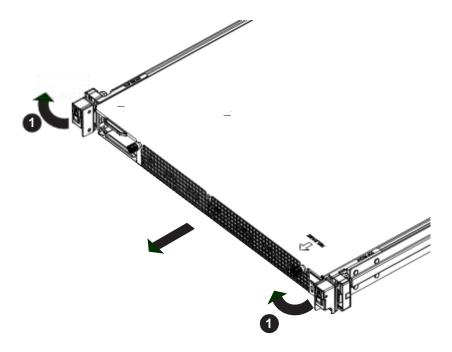


Figure 2-6. Removing the System from the Rack

Removing the Outer Rails from the Rack

In the uncommon event that it is necessary to remove the outer rails from the rack, follow these instructions. The chassis must be out of the rack.

Releasing the Outer Rails

- 1. On the front of the outer rail, slide the small plastic safety slider (red in drawing) up and hold it while pushing the plastic release button (green in drawing) just below it.
- 2. While holding the release button in, pull the outer rail forward to disengage the pins and the front of the rail from the rack.
- 3. Support the front of the outer and middle rail assembly while releasing the rear.
- 4. Remove the outer rail from the rear of the rack in the same way as the front. Slide the safety slider up and push and hold the release button, then pull the rear pins out of the rack and remove the rail.

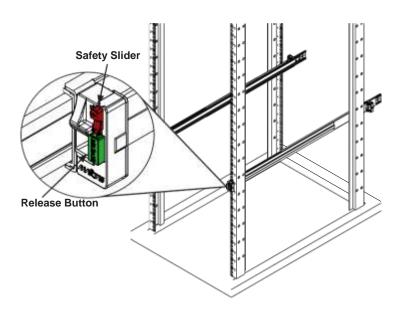


Figure 2-7. Removing the Outer Rails

Chapter 3

Maintenance and BIOS Setting

3.1 Overview

About maintenance and BIOS setting, only trained and qualified personnel of NEC system should be allowed to install, replace, or service this equipment.

Appendix A

BIOS Error Codes

A-1 BIOS Error Beep (POST) Codes

During the POST (Power-On Self-Test) routines, which are performed each time the system is powered on, errors may occur.

Non-fatal errors are those which, in most cases, allow the system to continue the boot-up process. The error messages normally appear on the screen.

Fatal errors are those which will not allow the system to continue the boot-up procedure. If a fatal error occurs, you should consult with your system manufacturer for possible repairs.

These fatal errors are usually communicated through a series of audible beeps. The numbers on the fatal error list (on the following page) correspond to the number of beeps for the corresponding error. All errors listed, with the exception of Beep Code 8, are fatal errors.

BIOS Error Beep (POST) Codes		
Beep Code	Error Message	Description
1 short	Refresh	Circuits have been reset (Ready to power up)
5 short, 1 long	Memory error	No memory detected in system
5 long, 2 short	Display memory read/write error	Video adapter missing or with faulty memory
1 long continuous	System OH	System overheat condition

Appendix B

Standardized Warning Statements for AC Systems

B.1 About Standardized Warning Statements

The following statements are industry standard warnings, provided to warn the user of situations which have the potential for bodily injury. Should you have questions or experience difficulty, contact NEC's Technical Support department for assistance. Only certified technicians should attempt to install or configure components.

These warnings may also be found on our website at http://www.nec.com/en/global/prod/hpc/aurora/document/safety_information.pdf

Warning Definition



Warning! This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents.

警告の定義

この警告サインは危険を意味します。 人身事故につながる可能性がありますので、いずれの機器でも動作させる前に、電気回路に含まれる危険性に注意して、標準的な事故防止策に精通して下さい。

Warnung

WICHTIGE SICHERHEITSHINWEISE

Dieses Warnsymbol bedeutet Gefahr. Sie befinden sich in einer Situation, die zu Verletzungen führen kann. Machen Sie sich vor der Arbeit mit Geräten mit den Gefahren elektrischer Schaltungen und den üblichen Verfahren zur Vorbeugung vor Unfällen vertraut. Suchen Sie mit der am Ende jeder Warnung angegebenen Anweisungsnummer nach der jeweiligen Übersetzung in den übersetzten Sicherheitshinweisen, die zusammen mit diesem Gerät ausgeliefert wurden.

BEWAHREN SIE DIESE HINWEISE GUT AUF.

IMPORTANTES INFORMATIONS DE SÉCURITÉ

Ce symbole d'avertissement indique un danger. Vous vous trouvez dans une situation pouvant entraîner des blessures ou des dommages corporels. Avant de travailler sur un équipement, soyez conscient des dangers liés aux circuits électriques et familiarisez-vous avec les procédures couramment utilisées pour éviter les accidents. Pour prendre connaissance des traductions des avertissements figurant dans les consignes de sécurité traduites qui accompagnent cet appareil, référez-vous au numéro de l'instruction situé à la fin de chaque avertissement.

CONSERVEZ CES INFORMATIONS.

Circuit Breaker



Warning! This product relies on the building's installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 250 V, 20 A.

サーキット・ブレーカー

この製品は、短絡(過電流)保護装置がある建物での設置を前提としています。保護装置の定格が250 V、20 Aを超えないことを確認下さい。

Warnung

Dieses Produkt ist darauf angewiesen, dass im Gebäude ein Kurzschluss- bzw. Überstromschutz installiert ist. Stellen Sie sicher, dass der Nennwert der Schutzvorrichtung nicht mehr als: 250 V, 20 A beträgt.

Attention

Pour ce qui est de la protection contre les courts-circuits (surtension), ce produit dépend de l'installation électrique du local. Vérifiez que le courant nominal du dispositif de protection n'est pas supérieur à :250 V, 20 A.

Equipment Installation



Warning! Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

機器の設置

トレーニングを受け認定された人だけがこの装置の設置、交換、またはサービスを許可されています。

Warnung

Das Installieren, Ersetzen oder Bedienen dieser Ausrüstung sollte nur geschultem, qualifiziertem Personal gestattet werden.

Attention

Il est vivement recommandé de confier l'installation, le remplacement et la maintenance de ces équipements à des personnels qualifiés et expérimentés.

Restricted Area



Warning! This unit is intended for installation in restricted access areas. A restricted access area can be accessed only through the use of a special tool, lock and key, or other means of security. (This warning does not apply to workstations).

アクセス制限区域

このユニットは、アクセス制限区域に設置されることを想定しています。

アクセス制限区域は、特別なツール、鍵と錠前、その他のセキュリティの手段を用いてのみ出入りが可能です。

Warnung

Diese Einheit ist zur Installation in Bereichen mit beschränktem Zutritt vorgesehen. Der Zutritt zu derartigen Bereichen ist nur mit einem Spezialwerkzeug, Schloss und Schlüssel oder einer sonstigen Sicherheitsvorkehrung möglich.

Attention

Cet appareil doit être installée dans des zones d'accès réservés. L'accès à une zone d'accès réservé n'est possible qu'en utilisant un outil spécial, un mécanisme de verrouillage et une clé, ou tout autre moyen de sécurité.

> Redundant Power Supplies



Warning! This unit might have more than one power supply connection. All connections must be removed to de-energize the unit.

冗長電源装置

このユニットは複数の電源装置が接続されている場合があります。 ユニットの電源を切るためには、すべての接続を取り外さなければなりません。

Warnung

Dieses Gerät kann mehr als eine Stromzufuhr haben. Um sicherzustellen, dass der Einheit kein trom zugeführt wird, müssen alle Verbindungen entfernt werden.

Attention

Cette unité peut avoir plus d'une connexion d'alimentation. Pour supprimer toute tension et tout courant électrique de l'unité, toutes les connexions d'alimentation doivent être débranchées.

Comply with Local and National Electrical Codes



Warning! Installation of the equipment must comply with local and national electrical codes.

地方および国の電気規格に準拠

機器の取り付けはその地方および国の電気規格に準拠する必要があります。

Warnung

Die Installation der Geräte muss den Sicherheitsstandards entsprechen.

Attention

L'équipement doit être installé conformément aux normes électriques nationales et locales.

> Product Disposal



Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

製品の廃棄

この製品を廃棄処分する場合、国の関係する全ての法律・条例に従い処理する必要があります。

Warnung

Die Entsorgung dieses Produkts sollte gemäß allen Bestimmungen und Gesetzen des Landes erfolgen.

Attention

La mise au rebut ou le recyclage de ce produit sont généralement soumis à des lois et/ou directives de respect de l'environnement. Renseignez-vous auprès de l'organisme compétent.

Power Cable and AC Adapter



Warning! When installing the product, use the provided or designated connection cables, power cables and AC adaptors. Using any other cables and adaptors could cause a malfunction or a fire. Electrical Appliance and Material Safety Law prohibits the use of UL or CSA -certified cables (that have UL/CSA shown on the code) for any other electrical devices than products designated by NEC only.

電源コードとACアダプタ

製品を設置する場合、提供または指定および購入された接続ケーブル、電源コードとACアダプタ を 該当する地域の条例や安全基準に適合するコードサイズやプラグと共に使用下さい。他のケーブル やアダプタを使用すると故障や火災の原因になることがあります。

電気用品安全法は、ULまたはCSA認定のケーブル(UL/CSEマークがコードに表記)を NECが指定する製品以外に使用することを禁止しています。

Warnung

Nutzen Sie beim Installieren des Produkts ausschließlich die von uns zur Verfügung gestellten Verbindungskabeln, Stromkabeln und/oder Adapater, die Ihre örtlichen Sicherheitsstandards einhalten. Der Gebrauch von anderen Kabeln und Adapter können Fehlfunktionen oder Feuer verursachen. Die Richtlinien untersagen das Nutzen von UL oder CAS zertifizierten Kabeln (mit UL/CSA gekennzeichnet), an Geräten oder Produkten die nicht mit NEC gekennzeichnet sind.

Attention

Lors de l'installation du produit, utilisez les cables de connection fournis ou désigné ou achetez des cables, cables de puissance et adaptateurs respectant les normes locales et les conditions de securite y compris les tailles de cables et les prises electriques appropries. L'utilisation d'autres cables et adaptateurs peut provoquer un dysfonctionnement ou un incendie. Appareils électroménagers et la Loi sur la Sécurité Matériel interdit l'utilisation de câbles certifies- UL ou CSA (qui ont UL ou CSA indiqué sur le code) pour tous les autres appareils électriques sauf les produits désignés par NEC seulement.