R281-3C0 Hardware Quick Installation Guide





State	Description				
Green On	Output ON and OK				
Off	No AC power to all power supplies				
Blink Green 1 Sec./On 1 Sec./Off 0.5Hz	Standby mode normal				
Blink Green 0.25 Sec./On 0.25 Sec./Off 2Hz	Sleep PSU in cold Redundant/Offline mode				
Amber	Standby mode with OTP range				
	12V Fault (OVP, UVP, OCP, SCP, and OTP)				
	Power supply fan lock 15 seconds including standby mode				

NOTE!

Firmware Update mode: 2Hz Blink Green
Power supply warning event: 1Hz Blink Amber (0.5s: OFF, 0.5s:Amber)



7/8 LAN1/2		Green	Solid On	Link between system and network or no access.
Active/Link LEDS	Green	Blink	Data transmission or receiving is occurring.	
		N/A	Off	No data transmission or receiving is occurring.

Hard Disk Drive LED



RAID SKU	LED1	Locate	HDD Fault	Rebuilding	HDD Access	HDD Present (No Access)
No RAID configuration (via HBA, ICH)	Disk LED	Green	ON(*1)	OFF	Green	OFF
	Back Panel)	Amber	OFF	OFF	Amber	OFF
	Removed HDD Slot (LED on Back Panel)	Green	ON(*1)	OFF	Green	
		Amber	OFF	OFF	Amber	
RAID configuration (via HW RAID Card or SW RAID Card)		Green	ON	OFF	Alternately	OFF
	Disk LED	Amber	OFF	ON	(Low Speed: 2 Hz)	OFF
	Removed HDD Slot	Green	ON(*1)	OFF	(*3)	
		Amber	OFF	ON	(*3)	

LED 2	HDD Present	No HDD		
Green	ON	OFF		

WEEE Symbol Statement



The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local government office, your household waste disposal service or where you purchased the product for details of environmentally safe recycling.

- When your electrical or electronic equipment is no longer useful to you, "take it back" to your local or regional waste collection administration for recycling
- If you need further assistance in recycling, reusing in your "end of life" product, you may contact us at the Customer Care number listed in your product's user's manual and we will be glad to help you with your effort.

Restriction of Hazardous Substances (RoHS) Directive Statement

GIGABYTE products have not intended to add and safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE and PBB). The parts and components have been carefully selected to meet RoHS requirement. Moreover, we at GIGABYTE are continuing our efforts to develop products that do not use internationally banned toxic chemicals.

限制使用有害物质 (RoHS) 指令声明

GIGABYTE产品未故意添加和使用有害物质(Cd、Pb、Hg、Cr+6、PBDE和PBB)。所有部件和元件均经过严格挑选,符合RoHS要求。此 外,我们GIGABYTE一直致力于开发不使用国际上禁止的有毒化学品的产品。

California Proposition 65 Warning

WARNING

This product contains a chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please visit: http://www.p65warnings.ca.gov/

Battery Warning:

Incorrectly installing a battery or using incompatible battery may increase the risk of ifre explosion. Replace the battery only with the same or equivalent type

Do not disassemble, crush, punchture batteries.

- Do not store or place your battery pack next to or in a heat source such as a fire, heatgenerating appliance, can or exhaust vent. Heating battery cells to temperatures above 65oC (149oF) can cause explosion or fire
- Do not attempt to open or service batteries. Do not dispose of batteries in a fire or with household waste.

电池警告:

- 电池安装不当或使用不兼容的电池会增加火灾爆炸风险。更换电池时,只可使用相同或同等类型的电池。
- 请勿拆解、挤压、刺破电池。
- 请勿将电池存放或放置在热源中或旁边,如火源、产生热的设备、罐体或排气口。电池温度升至65oC(149oF)以上 可能导致爆炸或火灾。
- 请勿尝试打开或维修电池。电池废弃时,请勿投入火中或者作为家庭废弃物进行处理

依照中华人民共和国的有毒有害物质的限制要求(China RoHS)提供以下的表格:



关于符合中国《电子信息产品污染控制管理办法》的声明 Management Methods on Control of Pollution from Electror (China RoHS Declaration)

产品中有毒有害物质或元素的名称及含量 Hazardous Substances Table 有毒有害物质或元素(Hazardous Substances) 铅(Pb) 汞(Hg) 镉(Cd) 六价铬 多溴联苯 多溴二苯醚 部件名称(Parts)

Ambient Operation

This equipment should not be operated above an ambient operation temperature of 35 degrees centigrade.

Restricted Access Location

This server is intended for installation only in restricted access locations where .

- Access can only be gained by SERVICE PERSONS who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.
- Access is through the use of a TOOL or lock and key, or other means of security, and is controlled by the authority responsible for the location.



The system may have more than one power supply cable. To reduce the risk of electrical shock, a trained service technician may need -to disconnect all power supply cables before servicing the system

Power Supply

CAUTION: The power supplies in your system may produce high voltages and energyhazards, which can cause bodily harms. Unless you are instructed otherwise, only trained service technicians are authorized to remove the covers and access any of the components inside the system.

Reliable Earthing:

CAUTION: Do not connect of disconnect any cables or perform installation, maintenance, or reconfiguration of this server during an electrical storm CAUTION: Connect all power cords to a properly wired and grounded electrical outlet.

Hazardous FAN

CAUTION: This server contains hazardous moving fan blades, keep fingers and other bodyparts away. Disconnect all power supply cords before servicing. Connect power supply cord only after all the covers are properly installed.

Hazardous Energy



CAUTION: This server contains hazardous energy over 240VA on the backplane. To prevent accidental short circuit, always insert the HDD trays after servicing.

Rack Mount Instructions

The following or similar rack-mount instructions are included with the installation instructions:

A) Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.

B) Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

C) Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechani cal loading

D) Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

E) Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

Disconnect 2 power supply cords before servicing



CAUTION: Slider/rail mounted equipment is not to be

used as a shelf or a work space.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

CAN ICES-3 (A)/NMB-3(A)

声明本系统功率大于1300W

				(Cr (VI))	(PBB)	(PBDE)
PCB板 PCB	0	0	0	0	0	0
结构件及风扇 Mechanical parts and Fan	×	0	0	0	0	0
芯片及其他主动零件 Chip and other Active components	×	0	0	0	0	0
连接器 Connectors	×	0	0	0	0	0
被动电子元器件 Passive Components	×	0	0	0	0	0
线材 Cables	0	0	0	0	0	0
焊接金属 Soldering metal	0	0	0	0	0	0
助焊剂, 散热膏, 标签及其他耗材 Flux,Solder Paste,Label and other Consumable Materials	0	0	0	0	0	0

○:表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。 ndicates that this hazardous substance con elow the limit requirement SJ/T 11363-2006 tained in all homogenous materials of this par

:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。 ndicates that this hazardous substance contained in at least one of the homogenous materia of this part is above the limit requirement in SJ/T 11363-2006

对销售之日的所受售产品,本表显示我公司供应链的电子信息产品可能包含这些物质。注意:在所售产品中 可能会也可能不会含有所有所列的部件。

he component types listed above may or may not be a part of the enclosed product.



CAUTION: Whenever you need to lift the system, get others to assist you. To avoid injury, do not attempt to lift the system by yourself.

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For more information, visit our website at:

http://b2b.gigabyte.com

You are a professional? Get access to our complete source of sales & marketing materials at:

http://reseller.b2b.gigabyte.com



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