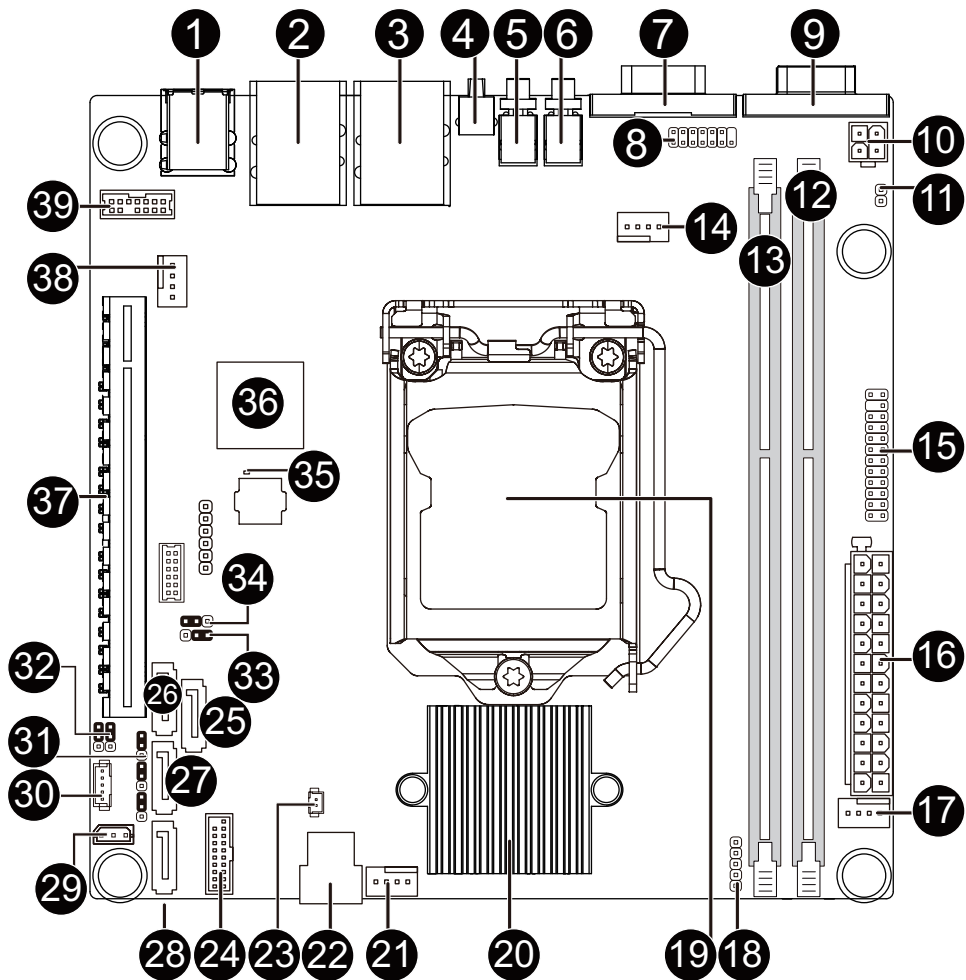


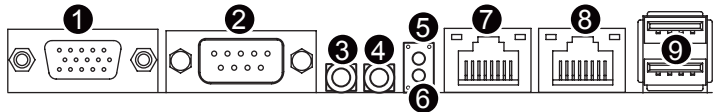
MX11-PC0 Quick Reference Guide/ 快速测试参考指南



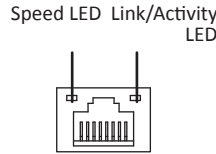
No.	Code	Description
1	R_USB3	USB 3.0 ports
2	LAN2	GbE LAN port #2
3	LAN1	GbE LAN port #1
		KVM Server Management 10/100/1000 LAN port (Shared LAN port)
4	SW_RST_NMI	Reset button (top)/NMI button (bottom)
5	SW_ID	ID switch button w/LED
6	SW_PWR	Power button w/LED
7	COM1	Serial port
8	F_VGA1	Front panel VGA cable header
9	VGA1	VGA port
10	P12V_AUX1	4 pin power connector
11	CASE_OPEN	Chassis intrusion alert header
12	DIMM_P0_B0	Channel 2 slot
13	DIMM_P0_A0	Channel 1 slot
14	CPU0_FAN	CPU fan connector
15	FP_1	Front panel header
16	ATX1	24 pin main power connector
17	SYS_FAN3	System fan connector#3
18	PMBUS	PMBus connector
19	CPU0	Intel LGA1151 socket
20	U516	Intel C232 chipset

No.	Code	Description
21	SYS_FAN2	System fan connector#2
22	U2_0	Mini-SAS HD connector
23	BAT1	Battery power cable connector
24	F_USB3	USB 3.0 cable header
25	SATA3	SATA 3 6Gb/s connector
26	SATA2	SATA 3 6Gb/s connector
27	SATA1	SATA 3 6Gb/s connector
28	SATA0	SATA 3 6Gb/s connector
29	IPMB	IPMB connector
30	SATA_SGP1	SATA SGPIO header
31	CFG5	PCI-E x16 and x8/x8 bandwidth switch jumper
32	BIOS_PWD(Right)	Clearing Supervisor Password jumper
	BIOS_RCVR (Left)	BIOS recovery jumper
33	CLR_CMOS	Clear CMOS jumper
34	ME_UPDATE	ME update jumper
35	LED_BMC	BMC firmware readiness LED
36	U58	ASPEED 2400 BMC chipset
37	PCIE_1	PCI Express x16 slot
38	SYS_FAN1	System fan connector#1
39	TPM	TPM module connector

Rear I/O Connector/ 后面板接口



No.	Description
1	VGA port
2	Serial port
3	Power button w/LED
4	ID button w/LED
5	Reset button
6	NMI button
7	KVM Server Management 10/100/1000 LAN port (Shared LAN port)
8	GbE LAN port
9	USB 3.0 ports



10/100/1000 LAN LED:

State	Description
Yellow On	1Gbps data rate
Green On	100Mbps data rate
Off	10Mbps data rate

Power button w/LED:

State	Description
Green On	System is powered on
Off	System is powered off

ID switch button w/LED:

State	Description
Blue On	Unit selected for identification
Off	No identification

ATX Power/ 电源

No.	Pin Define	No.	Pin Define
1	3.3V	13	3.3V
2	3.3V	14	-12V
3	GND	15	GND
4	+5V	16	PS_ON
5	GND	17	GND
6	+5V	18	GND
7	GND	19	GND
8	Power Good	20	-5V
9	5VSB	21	+5V
10	+12V	22	+5V
11	+12V	23	+5V
12	3.3V	24	GND

No.	Pin Define	No.	Pin Define
1	GND	3	+12V
2	GND	4	+12V

IPMB

No.	Pin Define
1	Clock
2	GND
3	Data

CPU/System FAN/ 风扇

No.	Pin Define
1	GND
2	+12V
3	Sense
4	Speed Control

TPM Connector/ 可信平台模块

No.	Pin Define
1	CLK
2	P_3V3_AUX
3	LPC_RST
4	P3V3
5	LPC_LAD0
6	IRQ_SERIAL
7	LPC_LAD1
8	No Connect
9	LPC_LAD2
10	No Connect
11	LPC_LAD3
12	GND
13	LPC_FRAME_N
14	GND

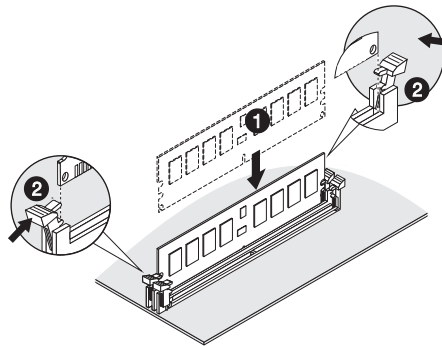
SATA Connector/SATA 接口

No.	Pin Define
1	GND
2	TXP
3	TXN
4	GND
5	RXN
6	RXP
7	GND

SATA SGPIO Header/ 串行 GPIO

No.	Pin Define
1	SDIN
2	GND
3	SDOUT
4	SLOAD
5	SCLK

Memory Population Configuration/ 安装内存



Type	Ranks Per DIMM and Data Width	Supported Voltage	Speed (MT/s); Slot Per Channel (SPC) and DIMM Per Channel (DPC)	
			2 Slot Per Channel	
			1DPC	2DPC
UDIMM Unbuffered DDR4 ECC	SR, DR	1.2V	2133	2133

- All channels in system run at the fastest common frequency.
- 1 and 2 DPC are supported at 2133MHz.
- 所有通道模式以最快的频率速度运行。
- 1 与 2 DPC 均支持2133MHz速度。

Front Panel Header/ 前面板

No.	Pin Define	No.	Pin Define
1	Power LED+	2	5V Standby
3	No Pin	4	ID LED+
5	Power LED-	6	ID LED-
7	HDD LED+	8	System Status LED+
9	HDD LED-	10	System Status LED-
11	Power Button	12	LAN1 Active LED+
13	GND	14	LAN1 Link LED-
15	Reset Button+	16	SMBus Data
17	GND	18	SMBus Clock
19	ID Switch+	20	Case Open
21	ID Switch-	22	LAN2 Active LED
23	NMI Switch-	24	LAN2 Link LED-

Front Panel VGA Cable Connector

No.	Pin Define
1	F_VGA_VS
2	F_VGA_HS
3	F_VGA_PWR
4	F_VGA_SCL
5	F_VGA_EN
6	F_VGA_SDA
7	F_VGA_B
8	GND
9	F_VGA_G
10	GND
11	F_VGA_R
12	No Pin

PMBUS

No.	Pin Define
1	SMB CLK
2	SMB DATA
3	SMB ALERT
4	GND
5	3.3V SENSE

Battery Power Cable Connector

No.	Pin Define
1	RTC Reset
2	GND

BMC Firmware Readiness LED

State	Description
On	BMC firmware is initial
Blink	BMC firmware is ready
Off	AC loss

Chassis Intrusion Alert Header

- Open: Normal operation.
- Closed: Active chassis intrusion alert.

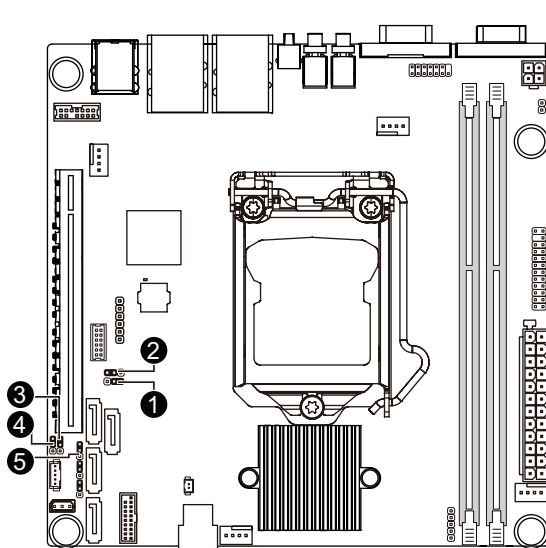
USB 3.0 Header

No.	Pin Define	No.	Pin Define
1	Power	11	IntA_P2_D+
2	IntA_P1_SSRX-	12	IntA_P2_D-
3	IntA_P1_SSRX+	13	GND
4	GND	14	IntA_P2_SSTX+
5	IntA_P1_SSTX-	15	IntA_P2_SSTX-
6	IntA_P1_SSTX+	16	GND
7	GND	17	IntA_P2_SSRX+
8	IntA_P1_D-	18	IntA_P2_SSRX-
9	IntA_P1_D+	19	Power
10	NC	20	No Pin

Mini SAS HD Connector

No.	Pin Define	No.	Pin Define	No.	Pin Define	No.	Pin Define
A1	CLK_P	B1	Reset	C1	No Connect	D1	SMB_DATA
A2	CLK_N	B2	No Connect	C2	No Connect	D2	SMB_CLK
A3	GND	B3	GND	C3	GND	D3	GND
A4	RXP1	B4	RXP0	C4	TXP1	D4	TXP0
A5	RXN1	B5	RXN0	C5	TXN1	D5	TXN0
A6	GND	B6	GND	C6	GND	D6	GND
A7	RXP3	B7	RXP2	C7	TXP3	D7	TXP2
A8	RXN3	B8	RXN2	C8	TXN3	D8	TXN2
A9	GND	B9	GND	C9	GND	D9	GND

Jumper Settings/ 跳线设置



No.	Description
1	Clear CMOS Jumper 1-2 Close: Normal operation (Default setting) 2-3 Close: Clear CMOS data.
2	ME Update Jumper 1-2 Close: Normal operation. (Default setting) 2-3 Close: ME update.
3	Clearing Supervisor Password Jumper 1-2 Close: Normal operation. (Default setting) 2-3 Close: Skip supervisor password.
4	BIOS Recovery Jumper 1-2 Close: Normal operation. (Default setting) 2-3 Close: BIOS recovery mode.
5	PCI-E x16 and x8/x8 bandwidth switch jumper 1-2 Close: PCIE_1 operates in x16 bandwidth. (Default setting) 2-3 Close: PCIE_1 operates in x8 bandwidth.

Regulatory Notices

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.

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WARNING:

This product contains a chemical, 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 fire explosion. Replace the battery only with the same or equivalent type.

- Do not disassemble, crush, puncture 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。

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中华人民共和国电子信息产品中有毒有害物质或元素的名称及含量标识格式

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 Electronic Information Products
(China RoHS Declaration)

产品中有毒有害物质或元素的名称及含量
Hazardous Substances Table

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