

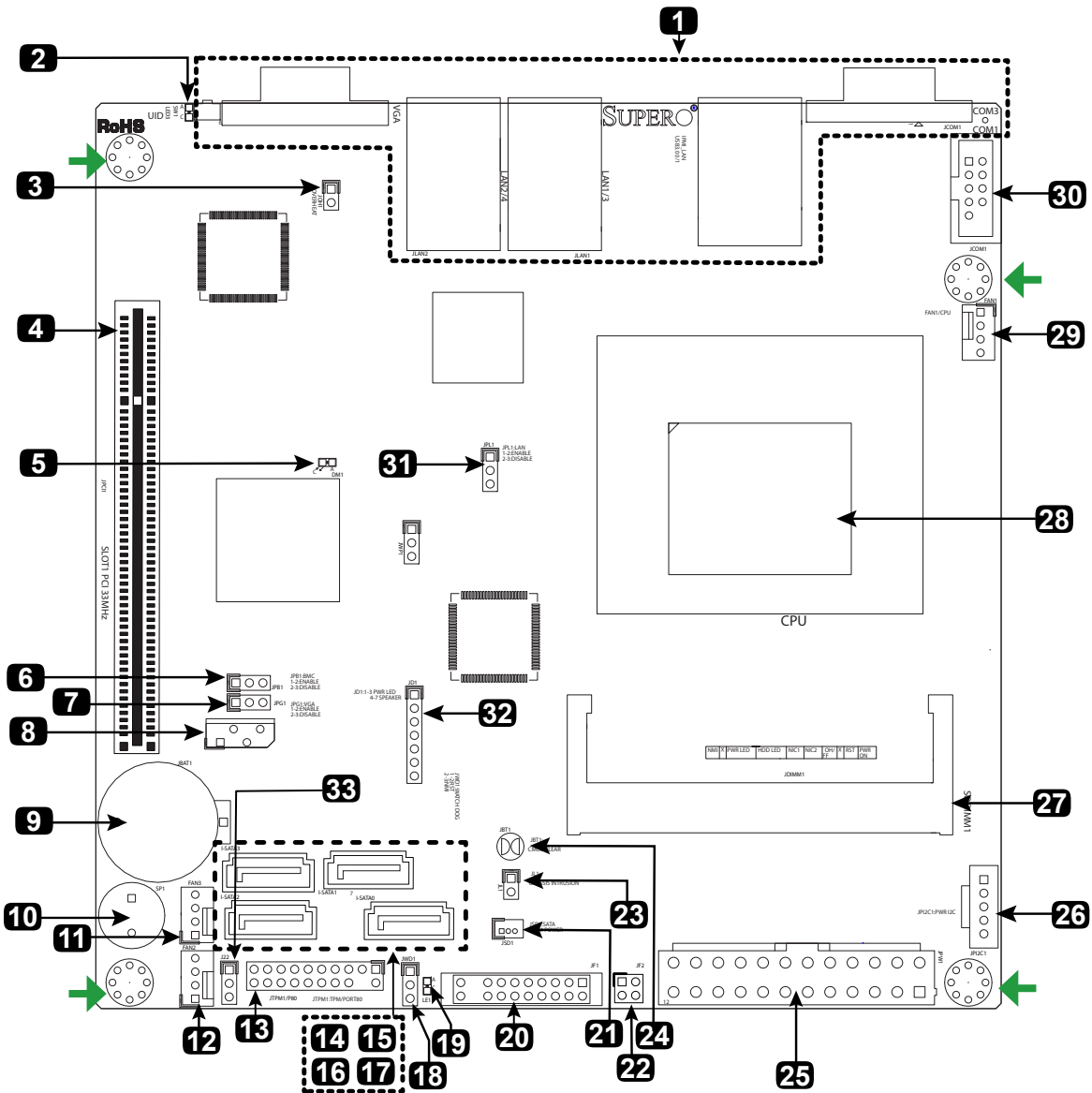
CONTACT INFORMATION

- www.supermicro.com (Email: support@supermicro.com)
- Manuals: <http://www.supermicro.com/support/manuals>
- Drivers & Utilities: <ftp://ftp.supermicro.com>
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

PACKAGE CONTENTS (Applies to individual-pack only)

- One (1) Supermicro Motherboard
- Two (2) SATA Cables
- One (1) I/O Shield
- One (1) Quick Reference Guide

Motherboard Layout and Features



→ = mounting hole

Jumpers, Connectors and LED Indicators

Jumpers

Item #	Jumper	Description	Default
6	JPB1*	BMC Enable/Disable	1-2 (Enabled) , 2-3 (Disabled)
7	JPG1*	On-board VGA Enable/Disable	1-2 (Enabled) , 2-3 (Disabled)
18	JWD1	Watch Dog Timer Reset	1-2 (Reset) , 2-3 (NMI)
24	JBT1	CMOS Reset	Short contact pads to reset CMOS
31	JPL1	LAN Enable/Disable	1-2 (Enabled) , 2-3 (Disabled)
33	J22	AC On Default	1-2 (On) , 2-3 (Off)

Connectors

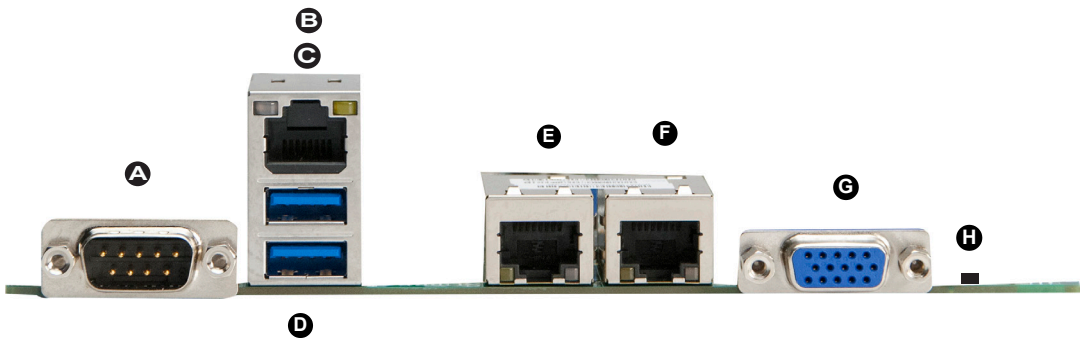
Item #	Connector	Description
1	Back Panel I/O	See detail at bottom of this page
3	JOH1	System Overheat Header
4	SLOT1	33MHz PCI Slot (Slot 1)
8	JIPMB1*	4-pin External BMC I2C Header
9	JBAT1	Internal Backup Battery
10	SP1	Internal Speaker/Buzzer
11,12,29	FAN3,2,1	System Fan Headers (FAN1=CPU Fan)
13	JTPM1	Trusted Platform Module (TPM) Header
14,15,16,17	SATA3,1,2,0	Internal SATA Ports
20	JF1	Front Panel Control Header, see detail on the right
21	JSD1	Disk-On-Module (DOM) Power Header
22	JF2	Reserved
23	JL1	Chassis Intrusion Header
25	JPW1	24-Pin ATX Power Header
26	JPI2C1	Power Supply SMBus I2C Header
27	SODIMM1	Memory Slot (SODIMM, up to 8GB)
28	CPU	Intel ATOM SoC S1260, BGA1283, 8.5W, 2.0GHz 2C/4T
30	COM1*	Internal COM1 Header
32	JD1	Pins 1-3: Power LED, Pins 4-7: Ext. Speaker Header

LED Indicators

Item #	LED	Description	Color/State	Status
2	UID*	Unit ID LED	Blue/Solid	Unit ID switch is on
5	DM1*	IPMI Heartbeat	Green/Blinking	IPMI On/Normal
19	LE1	System Power LED	Green/Solid	System On/Running

* X9SBAA-F Only

Back Panel IO Connectors



A. COM3	E. LAN1
B. IPMI LAN*	F. LAN2
C. USB0 (USB 3.0)	G. VGA Port*
D. USB1 (USB 3.0)	H. Unit ID Switch*

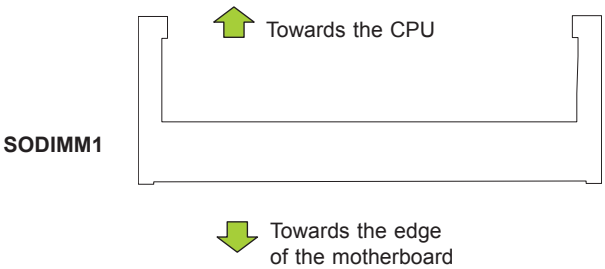
* for X9SBAA-F only

Memory Support

One memory slot supports up to 8GB of DDR3 ECC SODIMM 1333MHz.

Note: For memory optimization, use only SODIMM modules that have been validated by Supermicro. For the latest memory updates, please refer to our website at <http://www.supermicro.com/products/motherboard>.

DIMM Installation



Memory Population Guidelines

There is one SODIMM slot for one SODIMM module. Make sure that the module is aligned and inserted properly.

Front Panel Control (JF1)

NMI	20	19	Vcc
X	○	○	X
Power LED	○	○	Vcc
HDD LED	○	○	Vcc
NIC1 LED	○	○	Vcc
NIC2 LED	○	○	Vcc
OH/Fan Fail	○	○	Vcc
X	○	○	X
Ground	○	○	#3~4 Reset Button
Ground	○	○	#1~2 Power Button
	2	1	