

# IPXIP-GS Series

## Motherboard layout reference

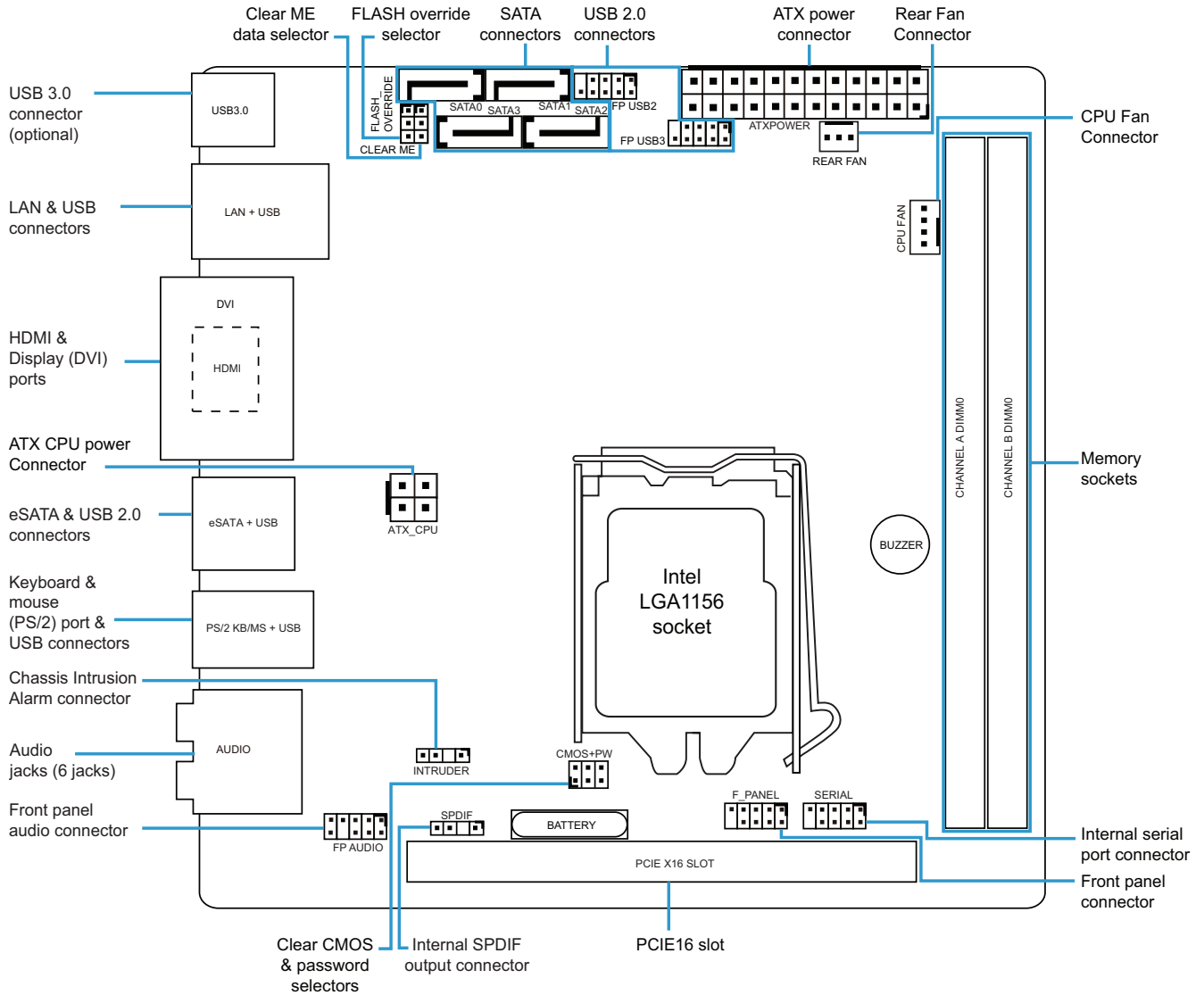
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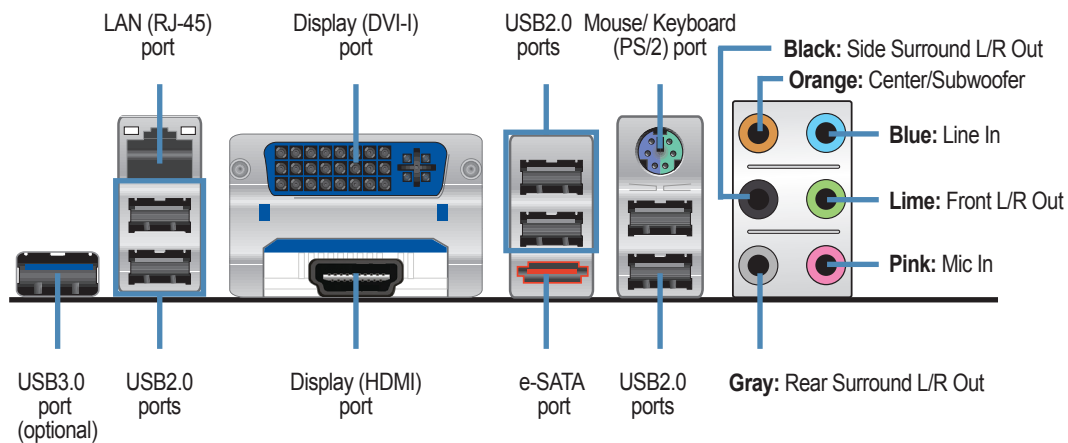
## Specifications summary

<b>CPU</b>	<b>Socket</b> : Intel Socket 1156 <b>Supports</b> : Lynnfield/Clarkdale
<b>Chipset</b>	North Bridge : H55 (Q57 reserved)
<b>Memory</b>	Dual-channel, 2 slots, Non-ECC, Unbuffered, 240 pin DDR3, Max. 8GB <b>Types</b> : 1066/PC3-8500, 1333/PC3-10600
<b>Graphics</b>	Integrated Graphics
<b>Expansion slot</b>	1x PCI Express slot (x16)
<b>Audio</b>	ALC888S-VC2 (8-channel)
<b>LAN</b>	Gigabit: Intel hanksville (PHY)
<b>USB</b>	10x USB 2.0 ports, 480Mbps + 1x USB3.0, 5Gbps (optional)
<b>Rear panel I/O ports</b>	1x USB 3.0 port (optional) 1x LAN (RJ-45) port + 2x USB 2.0 ports 1x Display (DV-I) port + 1x Display (HDMI) port 2x USB 2.0 ports + 1x e-SATA port 1x Mouse/Keyboard (PS/2) port + 2x USB 2.0 ports 6x Audio jacks (8 Channels)
<b>Internal connectors</b>	1x ATX CPU power connector 1x ATX power connector 1x CPU fan connector 1x Rear fan connector 4x SATA connectors 1x Front panel audio connector 1x Internal SPDIF output connector 1x Internal serial port connector 2x USB 2.0 connectors 1x Chassis intrusion alarm connector 1x Front panel connector
<b>BIOS</b>	SPI 64Mb (AMI)
<b>Form factor</b>	mini-ITX, 6.7 inches x 6.7 inches

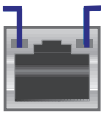
# Motherboard layout



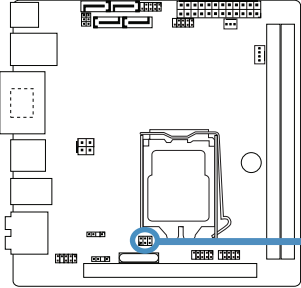
# Rear panel connectors



## LAN port LED indications

Left (ACTIVITY)	 LAN port	Right (LINK)
Green : Activity Off : No activity		Green : 1G Link Orange : 100M Link Off : 10M Link

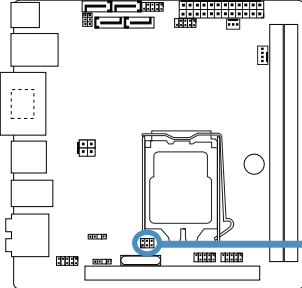
## Function Selectors



**CMOS**

2	4	6	2	4	6
□	□	□	□	□	□
1	3	5	1	3	5
□	□	□	□	□	□
Normal (Default)			Clear CMOS		

CLEAR CMOS SELECTOR



**PW**

2	4	6	2	4	6
□	□	□	□	□	□
1	3	5	1	3	5
□	□	□	□	□	□
(Default)			Clear PASSWORD		

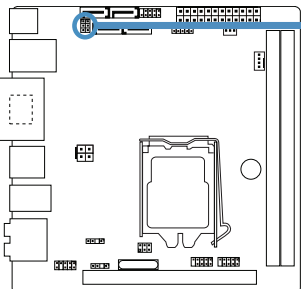
CLEAR PASSWORD SELECTOR

### To erase the CMOS RTC RAM user settings:

1. Turn OFF the computer and unplug the power cord.
2. Move the cap to clear for 5 to 10 secs, then move cap back to default.
3. Plug the power cord and turn ON the computer.
4. During the boot process, enter BIOS setup to re-enter user settings.

### To erase the CMOS RTC RAM password:

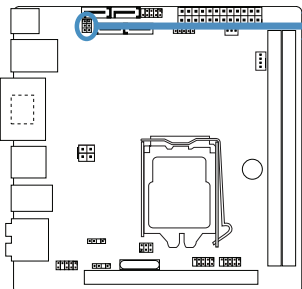
1. Turn OFF the computer.
2. Move the cap to **Clear**, then turn ON the computer to POST screen.
3. Press the power button to turn OFF the computer.
4. Move the cap back to **Default**.
5. Turn ON the computer.
6. Enter BIOS setup to verify or configure new settings.



**FLASH\_OVERRIDE**

3	□	3	□
2	□	2	□
1	□	1	□
□	□	□	□
Normal (Default)		Override	

FLASH OVERRIDE  
(Intel Management Engine) SELECTOR

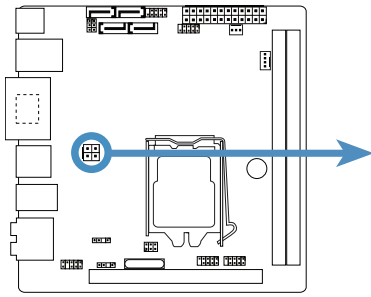


**Clear ME**

□	3	□	3
□	2	□	2
□	1	□	1
□	□	□	□
Normal (Default)		Clear	

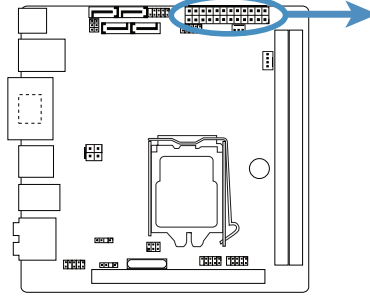
CLEAR ME DATA SELECTOR

## Internal connectors



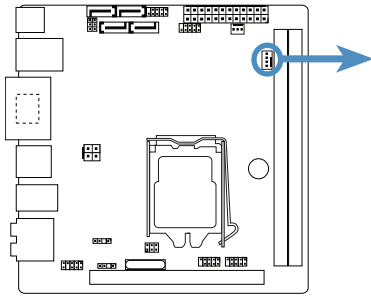
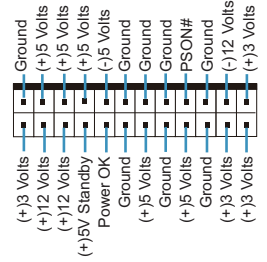
ATX CPU POWER CONNECTOR

ATX\_CPU



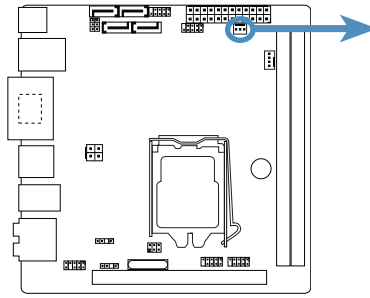
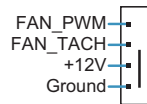
ATX POWER CONNECTOR

ATXPOWER



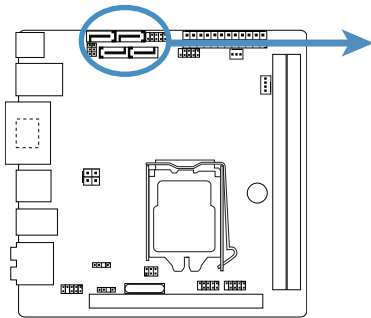
CPU FAN CONNECTOR

CPU\_FAN



REAR FAN CONNECTOR

REAR\_FAN



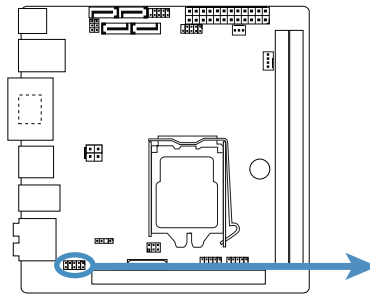
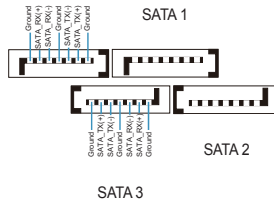
SATA CONNECTORS

SATA 0

SATA 1

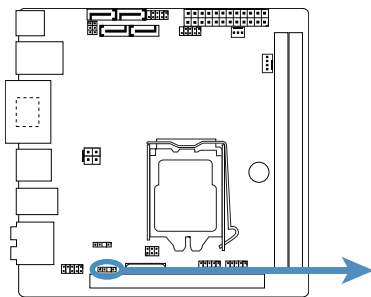
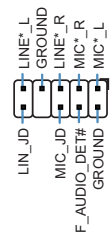
SATA 2

SATA 3



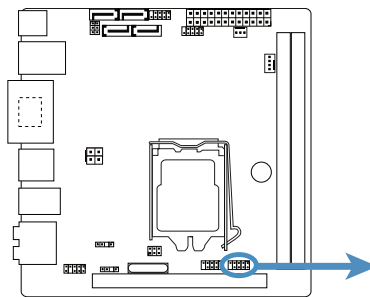
FRONT PANEL AUDIO CONNECTOR

FP\_AUDIO



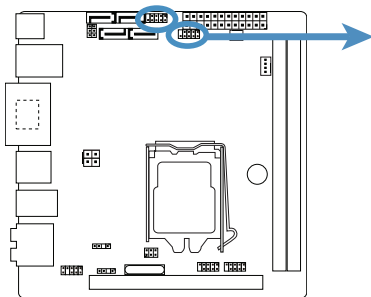
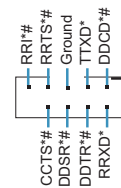
INTERNAL SPDIF OUTPUT CONNECTOR

SPDIF\_OUT



INTERNAL SERIAL PORT CONNECTORS

SERIAL\_A

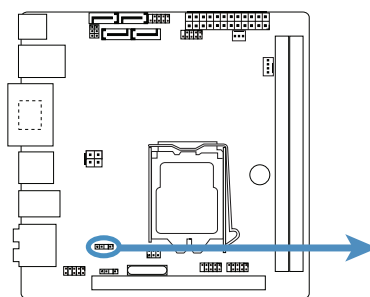


USB CONNECTORS

FP\_USB2



FP\_USB3



CHASSIS INTRUSION ALARM CONNECTOR

INTRUDER



## Internal connectors (cont.)

