1.2.2 Motherboard layout

KBMS_USB78

SPDIFO_HDMI

ASM 1442K

VGA

DVI

BIOS_FLBK

USB3_34

LAN_USB3_56

AUDIO

CHA_FAN3

Intel® I218-V

Lithium Cell CMOS Power

PCIEX1_1

PCIEX1_2

SupremeFX

PCIEX1_3

PCIEX4_3

SOUNDSTAGE

AAFP

CLR_CMOS

ROG_EXT

USB13

USB1112

USB910

CHA_FAN1

TPM

T_SENSOR1

PANEL

EATX12V

CPU_OPT

CPU_FAN

LGA1150

MAXIMUS VII HERO

M.2(SOCKET3)

PCIE_X16/X8_1

ASUS

BIOS

FLBK_LED

PCIE_X8_2

iROG

Super I/O

Intel® Z97

ROG

DDR3 DIMM_A1 (64bit, 240-pin module)
DDR3 DIMM_A2 (64bit, 240-pin module)
DDR3 DIMM_B1 (64bit, 240-pin module)
DDR3 DIMM_B2 (64bit, 240-pin module)

Q_CODE

START

MemOK!

DRAM_LED

DIGI+

KEYBOT

KEYBOT_LED

CHA_FAN2

BOOT_DEVICE_LED

EATXPWR

VGA_LED
CPU_LED

CHA_FAN4

USB3_12

HD_LED

SATA6G_1
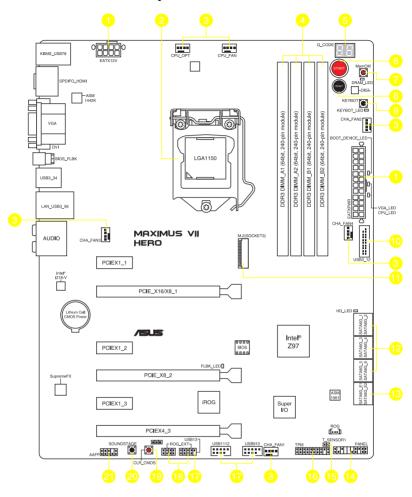SATA6G_2
SATA6G_3
SATA6G_4
SATA6G_5
SATA6G_6
SATA6G_E1
SATA6G_E2

ASM 1061

RESET

Refer to **Internal connectors** and **Rear I/O connection** for more information about rear panel connectors and internal connectors.

Chapter 1