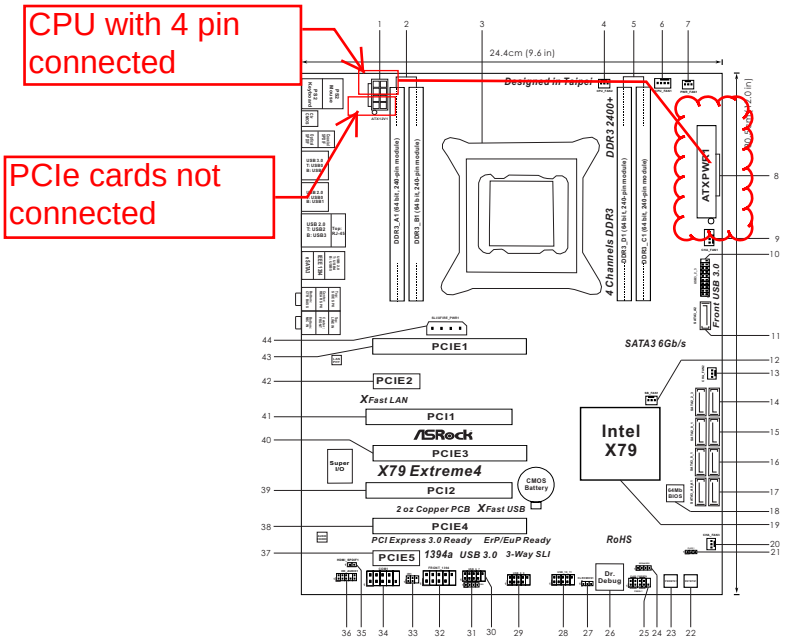
Motherboard Layout



1	ATX 12V Power Connector (ATX12V1)	24	Chassis Speaker Header (SPEAKER1, Black)
2	2 x 240-pin DDR3 DIMM Slots (DDR3_A1, DDR3_B1, Black)	25	System Panel Header (PANEL1, Black)
3	2011-Pin CPU Socket	26	Dr. Debug
4	CPU Fan Connector (CPU_FAN2)	27	Clear CMOS Jumper (CLRCMOS1)
5	2 x 240-pin DDR3 DIMM Slots (DDR3_D1, DDR3_C1, Black)	28	USB 2.0 Header (USB_10_11, Black)
6	CPU Fan Connector (CPU_FAN1)	29	USB 2.0 Header (USB_8_9, Black)
7	Power Fan Connector (PWR_FAN1)	30	USB 2.0 Header (USB_6_7, Black)
8	ATX Power Connector (ATXPWR1)	31	Consumer Infrared Module Header (CIR1, Gray)
9	Chassis Fan Connector (CHA_FAN1)	32	Front Panel IEEE 1394 Header (FRONT_1394, Black)
10	USB 3.0 Header (USB3_2_3, Black)	33	Infrared Module Header (IR1)
11	SATA3 Connector (SATA3_A2, Gray)	34	COM Port Header (COM1)
12	SB Fan Connector (SB_FAN1)	35	HDMI_SPDIF Header (HDMI_SPDIF1, Black)
13	Chassis Fan Connector (CHA_FAN2)	36	Front Panel Audio Header (HD_AUDIO1, Black)
14	SATA2 Connectors (SATA2_2_3, Black)	37	PCI Express 2.0 x1 Slot (PCIE5, Black)
15	SATA2 Connectors (SATA2_0_1, Black)	38	PCI Express 3.0 x16 Slot (PCIE4, Black)
16	SATA3 Connectors (SATA3_0_1, Gray)	39	PCI Slot (PCI2, Black)
17	SATA3 Connectors (SATA3_A0_A1, Gray)	40	PCI Express 3.0 x16 Slot (PCIE3, Black)
18	SPI Flash Memory (64Mb)	41	PCI Slot (PCI1, Black)
19	Intel X79 Chipset	42	PCI Express 2.0 x1 Slot (PCIE2, Black)
20	Chassis Fan Connector (CHA_FAN3)	43	PCI Express 3.0 x16 Slot (PCIE1, Black)
21	Power LED Header (PLED1)	44	SLI / XFIRE Power Connector
22	Reset Switch (RSTBTN)		
23	Power Switch (PWRBTN)		

English