Mainboard IFC-BOXi5-7200

User manual

Intel Intel Skylake-U/KabyLake-U processor

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Chapter I:Hardware installation

Precaution before installation

The motherboard is made up of many sophisticated integrated circuits and other components that are easily damaged by static electricity, Please read the manual and prepare the following instructions before installation:

Please confirm that the size of the chassis is consistent with the motherboard before installation.

Please do not tear up the serial number and agent warranty sticker on the motherboard before installation, otherwise it will affect standard of product warranty.

To install or remove the motherboard and other hardware devices, please be sure to turn off the power before, and removal of power cord from outlet. When you install other hardware devices to the motherboard socket, make sure the interface and socket is closely.

Take the motherboard, please try your best to avoid touching the metal connection parts to avoid short circuits in the line. Take the motherboard, central processing unit (CPU) or when the memory, it is best to wear anti-static bracelet.

If no ESD bracelet, make sure your hands dry, and touch the metal to dissipate the static charge. Before the boards are not installed, first placed in anti-static mat or anti-static bags.

When you want to remove the motherboard power supply when the plug from the socket, make sure that power supply is turned off. In before power on make sure that the power supply voltage of the voltage value is set in the area of standard values in make sure all hardware devices before turning on the power supply cable and the power cord is correctly connected.

Do not let the screw contacts on the motherboard circuit or part to avoid Board damage or failure.

Please make sure that no screws or metal in or on the motherboard inside

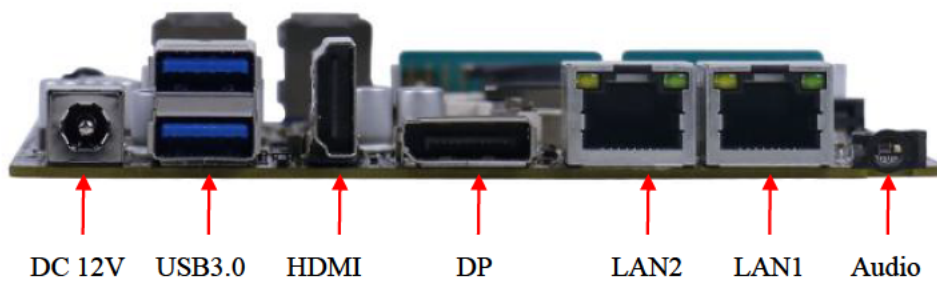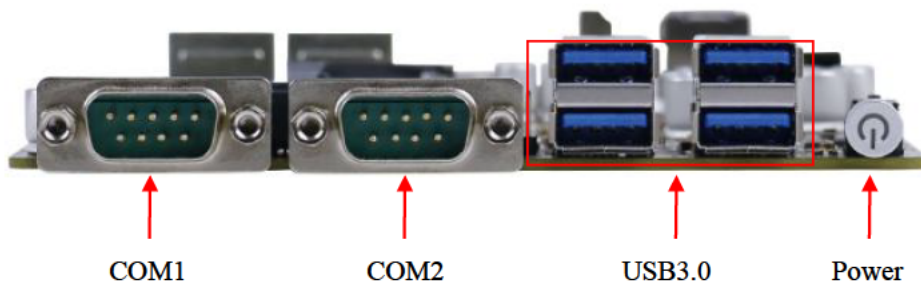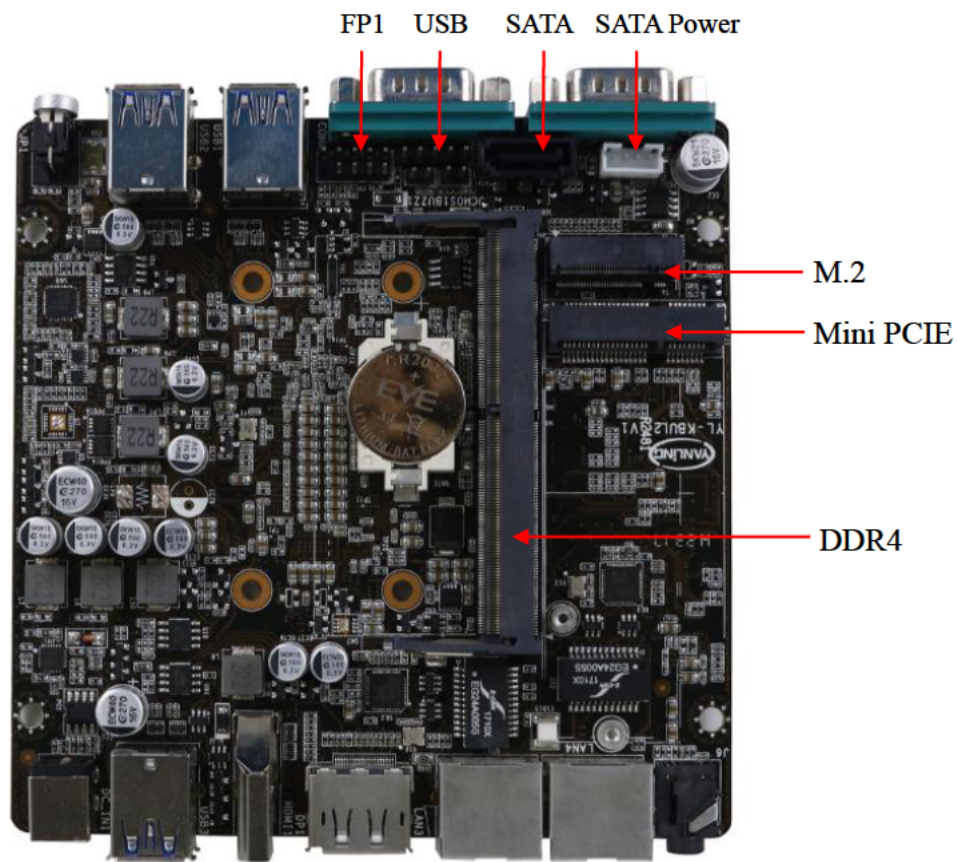the computer chassis. Do not place the computer in unstable.
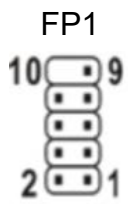
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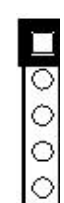
Chapter II instruction of mainboard

Size	12cm*12cm
Chipset	Skylake-U
CPU frequency	Intel Core i3 6100U(2.3GHz,dual core 3M fourth level cache.)
	Intel Core i5 6200U(2.3GHz,Max 2.8 GHz, dual core 3M fourth leve cache.)
Memory slot	1 x DDR4 1866/2133 SODIMM，Max 16G
GPU	Intel HD Graphics 520
SATA port	1 x SATA 3.0
USB port	6 x USB 3.0
Display port	1 x HDMI，1 x DP
LAN	2 x RTL8111E 1000M LAN
Expansion slot	1 x Mini PCIE（support WIFI/3G/4G）
	1 x M.2 2280 slot（support PCIE X4）
COM port	2 x RS232
Video	1 x Two in one audio interface，Realtek ALC662 chipset
Power	DC 12V
Color of power light	Blue

Chapter III I/O for mainboard

FP1　USB　SATA　SATA Power

M.2

Mini PCIE

DDR4

COM1　　　　COM2　　　　USB3.0　　　Power

DC 12V　USB3.0　HDMI　　DP　　LAN2　LAN1　Audio

Chapter IV PIN definition

Identifying	PIN	Detail	REMARK
FP1 10 9 2 1	1	HDD_LED+	
	2	PWR_LED+	
	3	HDD_LED-	
	4	PWR_LED-	
	5	RST_GND	
	6	PW_ON	
	7	RST	
	8	PWON_GND	
	9	空	
SATA Power 	1	+12V	SATA power supply
	2	GND	
	3	GND	
	4	+5V	
USB 	1	+5V	Built-in USB pin
	2	Data -	
	3	Data +	
	4	GND	
	5	GND	

Chapter V BIOS setting

1. open PXE function

Power on and then click DEL button enter BIOS setting, follow white option, choose"Advanced" → "CSM Configuration" → "Network" → "Legacy", "F4" → "YES"Esc.

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Aptio Setup Utility - Copyright (C) 2017
 Main  Advanced  Chipset  Security  Boot  Save & Exit

▶ System Agent (SA) Configuration
▶ PCH-IO Configuration
```

```
Aptio Setup Utility - Copyright (C) 2017
                      Chipset

PCH-IO Configuration

▶ PCI Express Configuration
▶ SATA And RST Configuration
▶ USB Configuration
▶ HD Audio Configuration

  Restore AC Power Loss                      [Power On]
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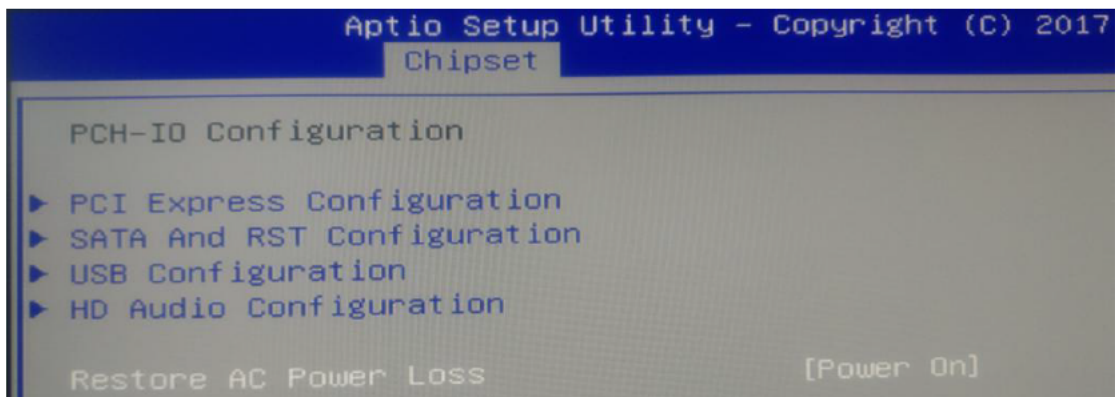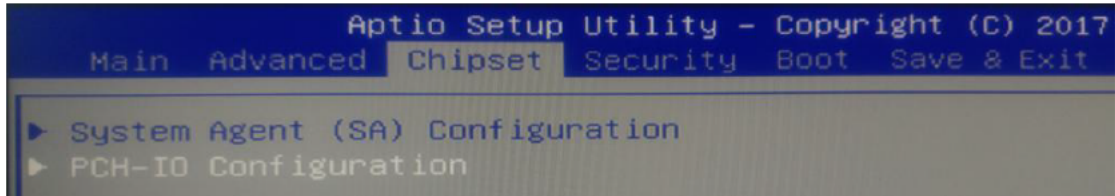
2.close opening LOGO

Power on and then click DEL button enter BIOS setting, follow white option, choose "Boot" → "Quiet Boot" → "Disabled"-"F4" → "YES"-esc.

```
Aptio Setup Utility - Copyright (C) 2017
 Main  Advanced  Chipset  Security  Boot  Save & Exit

Boot Configuration
Setup Prompt Timeout               1
Bootup NumLock State               [On]
Quiet Boot                         [Disabled]

Boot Option Priorities
Fast Boot                          [Disabled]

Driver Option Priorities
New Boot Option Policy             [Default]
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