



# FP6D4-P1

User Manual

Version 1.0

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### CALIFORNIA, USA ONLY

The Lithium battery adopted on this motherboard contains Perchlorate, a toxic substance controlled in Perchlorate Best Management Practices (BMP) regulations passed by the California Legislature. When you discard the Lithium battery in California, USA, please follow the related regulations in advance.

“Perchlorate Material-special handling may apply, see [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)”

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# Chapter 1 Introduction

Thank you for purchasing FP6D4-P1 motherboard. In this documentation, Chapter 1 and 2 contains the introduction of the motherboard and step-by-step installation guides. Chapter 3 contains the operation guide of the software and utilities. Chapter 4 contains the configuration guide of the BIOS setup.



*Because the motherboard specifications and the BIOS software might be updated, the content of this documentation will be subject to change without notice.*

## 1.1 Package Contents

- FP6D4-P1 Motherboard
- FP6D4-P1 Quick Installation Guide
- FP6D4-P1 Support CD
- 1 x Screw for M.2 Socket (M2\*2) (Optional)
- 1 x Screw for WiFi Module (M2\*2) (Optional)

# 1.2 Specifications

<b>Platform</b>	<ul style="list-style-type: none"><li>• 7.0-in x 5.7-in, 17.8 cm x 14.5 cm</li></ul>
<b>CPU</b>	<ul style="list-style-type: none"><li>• Supports AMD FP6 Renoir</li><li>• 3 Power Phase design</li></ul>
<b>Chipset</b>	<ul style="list-style-type: none"><li>• SOC</li></ul>
<b>Memory</b>	<ul style="list-style-type: none"><li>• Dual Channel DDR4 Memory Technology</li><li>• 2 x DDR4 SO-DIMM Slots</li><li>• Supports DDR4 3200/2933/2800/2666/2400/2133 non-ECC, un-buffered memory</li><li>• Max. capacity of system memory: 64GB</li></ul>
<b>Expansion Slot</b>	<ul style="list-style-type: none"><li>• 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT module</li></ul>
<b>Graphics</b>	<ul style="list-style-type: none"><li>• Integrated AMD Radeon™ Vega Series Graphics in Ryzen Series APU*</li><li>* Actual support may vary by CPU</li><li>• DirectX 12, Pixel Shader 5.0</li><li>• Shared memory default 2GB.</li><li>• Dual graphics output: support D-Sub and HDMI ports by independent display controllers</li><li>• Supports HDMI with max. resolution up to 4K@ 60Hz</li><li>• Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz</li><li>• Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 1.4 Port (Compliant HDMI monitor is required)</li><li>• Supports HDCP 2.3 with HDMI 1.4 Port</li></ul>

- Audio**
- Realtek ALC233 Audio Codec
  - 1 x Headphone/Headset Jack
  - 1 x MIC-In

- LAN**
- PCIE x1 Gigabit LAN 10/100/1000 Mb/s
  - Realtek RTL8111H
  - Supports Wake-On-LAN
  - Supports Lightning/ESD Protection
  - Supports Energy Efficient Ethernet 802.3az
  - Supports PXE

- Front Panel I/O**
- 1 x Power Button
  - 2 x USB 3.2 Gen1 Type-A Ports (Support ESD Protection)
  - 1 x USB 3.2 Gen1 Type-C Port (Supports ESD Protection)
  - 2 x USB 2.0 Ports (Supports ESD Protection)
  - \* USB\_3\_QC supports Quick Charge.
  - 1 x SD Card Socket

- Rear Panel I/O**
- 1 x DC Jack (Compatible with the 19V power adapter)\*
  - 1 x D-Sub Port
  - 1 x HDMI Port
  - 2 x USB 3.2 Gen1 Type-A Ports (Support ESD Protection)
  - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
  - 1 x Headphone Jack
  - 1 x Microphone Input Jack

- Storage**
- 1 x SATA3 6.0 Gb/s with Power Connector , support NCQ, AHCI and Hot Plug\*
  - 1 x Ultra M.2 Socket (M2\_1), supports type 2260/2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen3 x4 (32 Gb/s)\*
  - \* Supports NVMe SSD as boot disks

- Connector**
- 1 x CPU Fan Connector (4-pin)

- BIOS Feature**
- AMI UEFI Legal BIOS with multilingual GUI support
  - ACPI 6.0 Compliant wake up events
  - SMBIOS 2.7 Support

**Hardware  
Monitor**

- CPU Temperature Sensing
- CPU Fan Tachometer
- CPU Quiet Fan (Auto adjust chassis fan speed by CPU temperature)
- CPU Fan Multi-Speed Control
- Voltage monitoring: CPU Vcore, VCCM, +5V, +3.3V

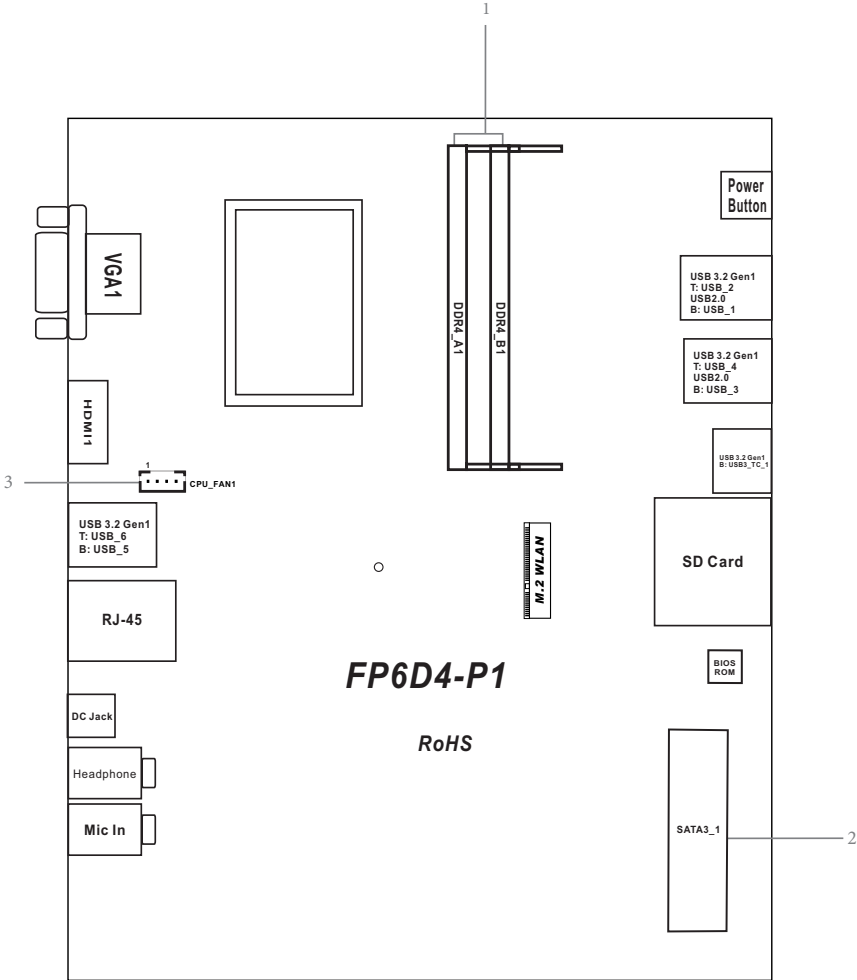
**OS**

- Microsoft® Windows® 10 64-bit

**Certifica-  
tions**

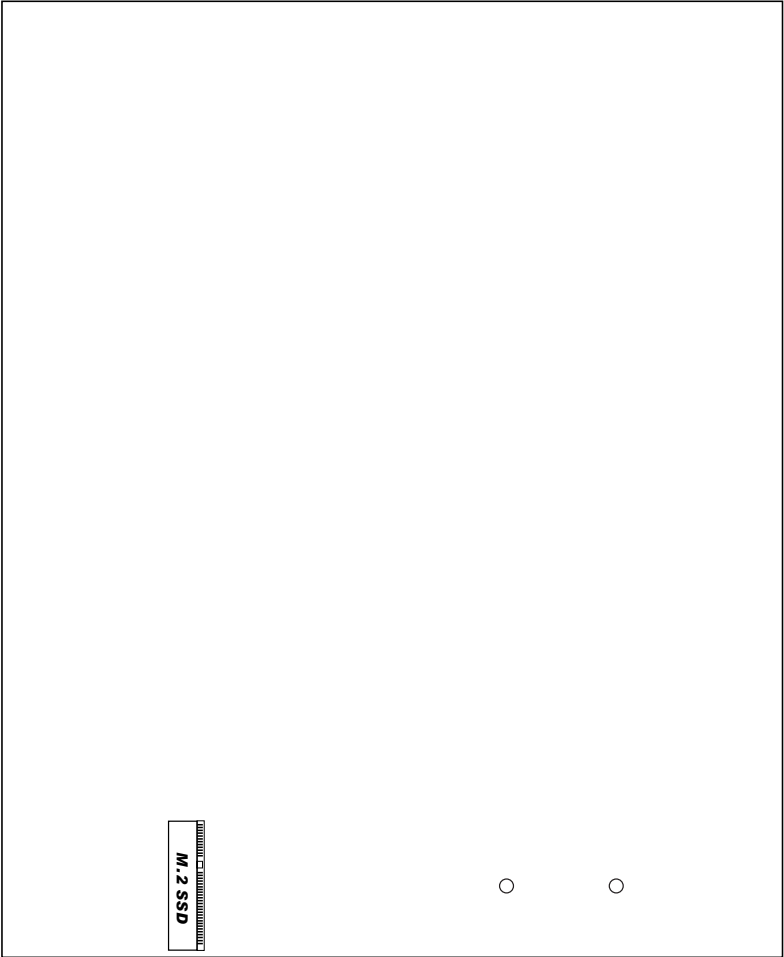
- FCC, CE
- ErP/EuP ready (ErP/EuP ready power supply is required)

1.3 Motherboard Layout

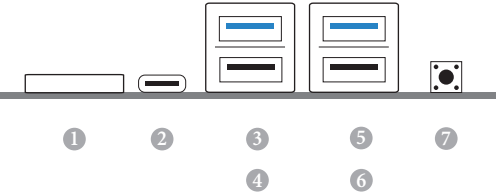


No. Description	
1	2 x 260-pin DDR4 SO-DIMM Slots (DDR4_A1, DDR4_B1)
2	SATA3 Connector (SATA3_1)
3	CPU Fan Connector (CPU_FAN1)

Back Side View

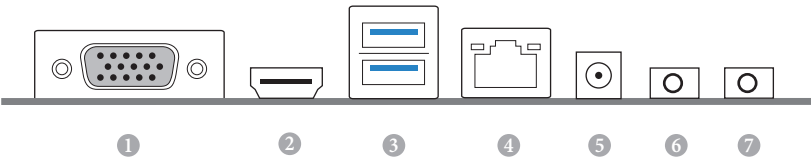


1.4 Front Panel



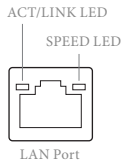
No.	Description	No.	Description
1	SD Card Socket	4	USB 2.0 Port (USB_3)*
2	USB 3.2 Gen1 Type-C Port (USB3_TC_1)		*Quick Charger Support
3	USB 3.2 Gen1 Type-A Port (USB_4)	5	USB 3.2 Gen1 Type-A Port (USB_2)
		6	USB 2.0 Port (USB_1)
		7	Power Button (SW1)

# 1.5 Rear Panel



No.	Description	No.	Description
1	D-Sub Port	4	LAN RJ-45 Port*
2	HDMI Port	5	DC Jack
3	USB 3.2 Gen1 Type-A Port (USB_5_6)	6	Headphone Jack
		7	Microphone Input

\* There are two LEDs on each LAN port. Please refer to the table below for the LAN port LED indications.



Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No Link	Off	10Mbps connection
Blinking	Data Activity	Green	100Mbps connection
On	Link	Orange	1Gbps connection

## Chapter 2 Installation

This is a Proprietary form factor motherboard. Before you install the motherboard, study the configuration of your chassis to ensure that the motherboard fits into it.

### Pre-installation Precautions

Take note of the following precautions before you install motherboard components or change any motherboard settings.

- Make sure to unplug the power cord before installing or removing the motherboard components. Failure to do so may cause physical injuries and damages to motherboard components.
- In order to avoid damage from static electricity to the motherboard's components, NEVER place your motherboard directly on a carpet. Also remember to use a grounded wrist strap or touch a safety grounded object before you handle the components.
- Hold components by the edges and do not touch the ICs.
- Whenever you uninstall any components, place them on a grounded anti-static pad or in the bag that comes with the components.
- When placing screws to secure the motherboard to the chassis, please do not over-tighten the screws! Doing so may damage the motherboard.

## 2.1 Installing Memory Modules (SO-DIMM)

This motherboard provides two 260-pin DDR4 (Double Data Rate 4) SO-DIMM slots.

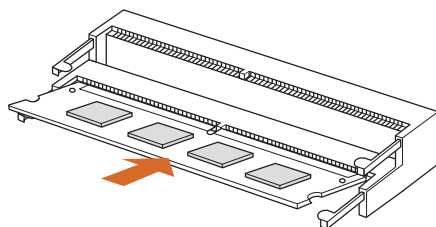


*It is not allowed to install a DDR, DDR2 or DDR3 memory module into a DDR4 slot; otherwise, this motherboard and SO-DIMM may be damaged.*

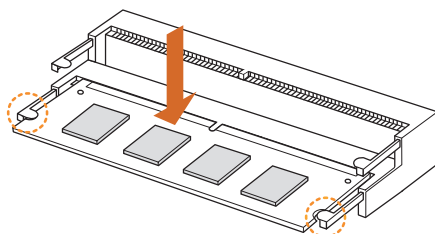


*The SO-DIMM only fits in one correct orientation. It will cause permanent damage to the motherboard and the SO-DIMM if you force the SO-DIMM into the slot at incorrect orientation.*

1. Carefully insert the SO-DIMM memory modules into the slot at a 30-degree angle.



2. Push down until the modules snap into place.



## 2.2 Onboard Headers and Connectors



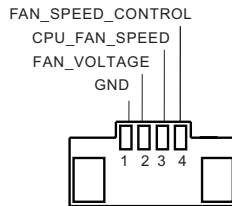
*Onboard headers and connectors are NOT jumpers. Do NOT place jumper caps over these headers and connectors. Placing jumper caps over the headers and connectors will cause permanent damage to the motherboard.*

Serial ATA3 Connector  
(SATA3\_1:  
see p.5, No. 2)



This SATA3 connector supports SATA data cables for internal storage devices with up to 6.0 Gb/s data transfer rate.

CPU Fan Connectors  
(4-pin CPU\_FAN1)  
(see p.5, No. 3)



This motherboard provides a 4-Pin CPU fan (Quiet Fan) connector. If you plan to connect a 3-Pin CPU fan, please connect it to Pin 1-3.

## 2.3 Smart Switch

The motherboard has one smart switch: Power Button.

Power Button  
(SW1)  
(see p.7, No. 7)



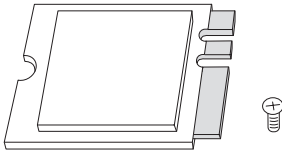
Power Button allows users to quickly turn on/off the system.

## 2.4 M.2 WiFi/BT Module Installation Guide

The M.2, also known as the Next Generation Form Factor (NGFF), is a small size and versatile card edge connector that aims to replace mPCIe and mSATA. The M.2 Socket (Key E) supports type 2230 WiFi/BT module.

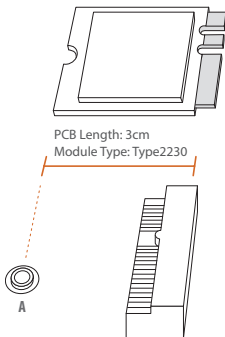
\* The M.2 socket does not support SATA M.2 SSDs.

### Installing the WiFi/BT module



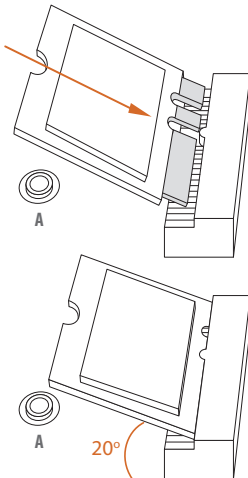
#### Step 1

Prepare a type 2230 WiFi/BT module and the screw.



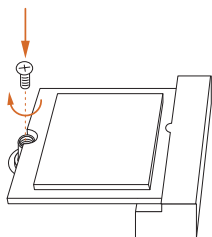
#### Step 2

Find the nut location to be used.



#### Step 3

Gently insert the WiFi/BT module into the M.2 slot. Please be aware that the module only fits in one orientation.



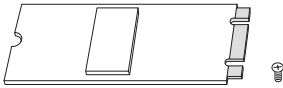
#### **Step 4**

Tighten the screw with a screwdriver to secure the module into place. Please do not overtighten the screw as this might damage the module.

## 2.5 M.2\_SSD (NGFF) Module Installation Guide (M2\_1)

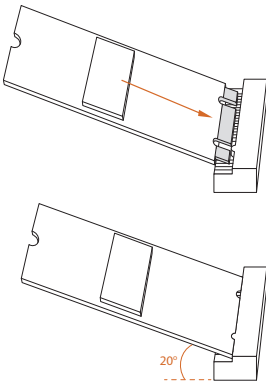
The Ultra M.2, also known as the Next Generation Form Factor (NGFF), is a small size and versatile card edge connector that aims to replace mPCIe and mSATA. The Ultra M.2 Socket (M2\_1) supports type 2260/2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen3 x4 (32 Gb/s).

### Installing the M.2\_SSD (NGFF) Module



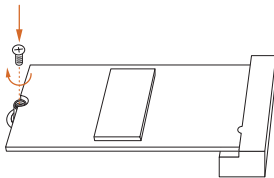
#### Step 1

Prepare a M.2\_SSD (NGFF) module and the screw.



#### Step 2

Gently insert the M.2 (NGFF) SSD module into the M.2 slot. Please be aware that the M.2 (NGFF) SSD module only fits in one orientation.



#### Step3

Tighten the screw with a screwdriver to secure the module into place. Please do not overtighten the screw as this might damage the module.

## M.2\_SSD (NGFF) Module Support List

Vendor	Interface	P/N
ADATA	PCIe	ADATA ASX7000NPC-512GT-C (XPG SX7000) (NVMe)
ADATA	PCIe	ADATA ASX8000NPC-512GM-C (XPG ASX8000) (NVMe)
Apacer	PCIe	Apacer Z280 AP240GZ280-240G (NVMe)
Intel	PCIe	Intel Optane Memory 32GB (MEMPEK1W032GA)(NVMe)
Intel	PCIe	Intel Optane Memory 16GB (MEMPEK1W016GA)(NVMe)
INTEL	PCIe	INTEL 600P-SSDPEKKW256G7-256GB (NVMe)
INTEL	PCIe	INTEL 600P-SSDPEKKW128G7-128GB (NVMe)
INTEL	PCIe	INTEL 6000P-SSDPEKKF256G7-256GB (NVMe)
INTEL	PCIe	INTEL 6000P-SSDPEKKF512G7-512GB (NVMe)
Kingston	PCIe	Kingston SHPM2280P2/240G
PATRIOT	PCIe	PATRIOT Hellfire M2 (240G) (NVMe)
PLEXTOR	PCIe	PLEXTOR PX-256M8PeG (NVMe)
PLEXTOR	PCIe	PLEXTOR PX-256M8SeGN (NVMe)
Samsung	PCIe	Samsung XP941-512G (MZHPU512HCGL)
Samsung	PCIe	Samsung 950Pro-512G (NVMe)
Samsung	PCIe	Samsung 950Pro-256G (NVMe)
Samsung	PCIe	Samsung MZ-VLW1280 (PM961) (NVMe)
Samsung	PCIe	Samsung MZ-VPW1280 (SM961) (NVMe)
TOSHIBA	PCIe	TOSHIBA XG3-128G (NVMe)
TOSHIBA	PCIe	TOSHIBA OCZ RD400-256G (NVMe)
WD	PCIe	WD WDS512G1X0C-00ENX0 (NVMe)
WD	PCIe	WD WDS256G1X0C-00ENX0 (NVMe)
ADATA	SATA	ADATA - SU800-SU800NS38-256GT-C-256G
ADATA	SATA	ADATA - SU800-SU800NS38-512GT-C-512G
Crucial	SATA	Crucial-CT240M500SSD4-240GB
Ezlink	SATA	Ezlink P51B-80-120GB
INTEL	SATA	INTEL -535-SSDSCKJF240A5-QS63-MLC-240G
INTEL	SATA	INTEL 540S-SSDSCKKW240H6-240GB
Kingston	SATA	Kingston-RBU-SNS8400S3/180GD
LITON	SATA	LITON LJH-256V2G-11-256GB
PLEXTOR	SATA	PLEXTOR - M7V-PX-128M7VG-128GB
PLEXTOR	SATA	PLEXTOR PX-128M6G-128GB
Sandisk	SATA	Sandisk X400-SD8SN8U-128G
Sandisk	SATA	Sandisk Z400s-SD8SNAT-128G
Transcend	SATA	Transcend TS256GMTS800-256GB
V-Color	SATA	V-Color 120G
V-Color	SATA	V-Color 240G
WD	SATA	WD BLUE WDS100T1B0B
WD	SATA	WD Green WDS240G1G0B-00RC30

For the latest updates of M.2\_SSD (NFGG) module support list, please visit our website for details.

## Chapter 3 Software and Utilities Operation

### 3.1 Installing Drivers

The Support CD that comes with the motherboard contains necessary drivers and useful utilities that enhance the motherboard's features.

#### Running The Support CD

To begin using the support CD, insert the CD into your CD-ROM drive. The CD automatically displays the Main Menu if "AUTORUN" is enabled in your computer. If the Main Menu does not appear automatically, locate and double click on the file "ASRSETUP.EXE" in the Support CD to display the menu.

#### Drivers Menu

The drivers compatible to your system will be auto-detected and listed on the support CD driver page. Please click **Install All** or follow the order from top to bottom to install those required drivers. Therefore, the drivers you install can work properly.

#### Utilities Menu

The Utilities Menu shows the application software that the motherboard supports. Click on a specific item then follow the installation wizard to install it.

# Chapter 4 UEFI SETUP UTILITY

## 4.1 Introduction

This section explains how to use the UEFI SETUP UTILITY to configure your system. You may run the UEFI SETUP UTILITY by pressing <F2> or <Del> right after you power on the computer, otherwise, the Power-On-Self-Test (POST) will continue with its test routines. If you wish to enter the UEFI SETUP UTILITY after POST, restart the system by pressing <Ctl> + <Alt> + <Delete>, or by pressing the reset button on the system chassis. You may also restart by turning the system off and then back on.



*Because the UEFI software is constantly being updated, the following UEFI setup screens and descriptions are for reference purpose only, and they may not exactly match what you see on your screen.*

### 4.1.1 UEFI Menu Bar

The top of the screen has a menu bar with the following selections:

<b>Main</b>	For setting system time/date information
<b>OC Tweaker</b>	For overclocking configurations
<b>Advanced</b>	For advanced system configurations
<b>Tool</b>	Useful tools
<b>H/W Monitor</b>	Displays current hardware status
<b>Security</b>	For security settings
<b>Boot</b>	For configuring boot settings and boot priority
<b>Exit</b>	Exit the current screen or the UEFI Setup Utility

## 4.1.2 Navigation Keys

Use <←→> key or <→> key to choose among the selections on the menu bar, and use <↑> key or <↓> key to move the cursor up or down to select items, then press <Enter> to get into the sub screen. You can also use the mouse to click your required item.

Please check the following table for the descriptions of each navigation key.

Navigation Key(s)	Description
+ / -	To change option for the selected items
<Tab>	Switch to next function
<PGUP>	Go to the previous page
<PGDN>	Go to the next page
<HOME>	Go to the top of the screen
<END>	Go to the bottom of the screen
<F1>	To display the General Help Screen
<F7>	Discard changes and exit the SETUP UTILITY
<F9>	Load optimal default values for all the settings
<F10>	Save changes and exit the SETUP UTILITY
<F12>	Print screen
<ESC>	Jump to the Exit Screen or exit the current screen

## 4.2 Main Screen

When you enter the UEFI SETUP UTILITY, the Main screen will appear and display the system overview.



### 4.3 OC Tweaker Screen

In the OC Tweaker screen, you can set up overclocking features.



*Because the UEFI software is constantly being updated, the following UEFI setup screens and descriptions are for reference purpose only, and they may not exactly match what you see on your screen.*

#### Load XMP Setting

Load XMP settings to overclock the memory and perform beyond standard specifications.

#### DRAM Frequency

If [Auto] is selected, the motherboard will detect the memory module(s) inserted and assign the appropriate frequency automatically. Setting DRAM Frequency can adjust DRAM Timing.

## DRAM Timing Configuration

### Voltage Configuration

#### DRAM Voltage

Configure the voltage for the DRAM Voltage.

#### Save User Default

Type a profile name and press enter to save your settings as user default.

#### Load User Default

Load previously saved user defaults.

#### Save User UEFI Setup Profile to Disk

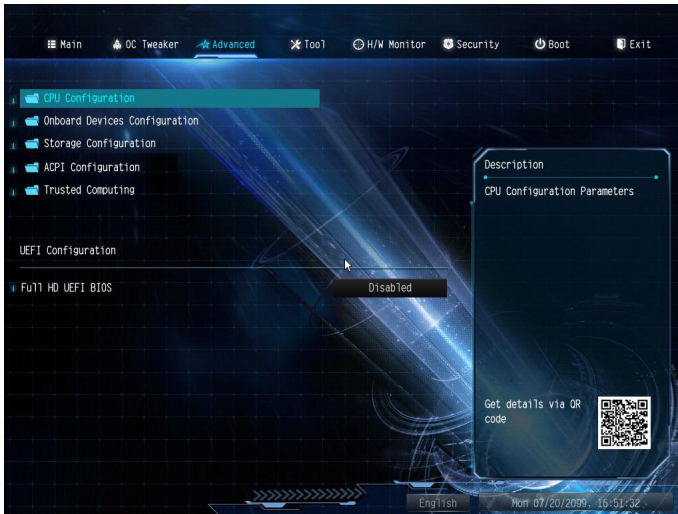
It helps you to save current UEFI settings as an user profile to disk.

#### Load User UEFI Setup Profile from Disk

You can load previous saved profile from the disk.

## 4.4 Advanced Screen

In this section, you may set the configurations for the following items: CPU Configuration, Onboard Devices Configuration, Storage Configuration, ACPI Configuration and Trusted Computing.



*Setting wrong values in this section may cause the system to malfunction.*

### UEFI Configuration

#### Full HD UEFI BIOS

When [Auto] is selected, the resolution will be set to 1920 x 1080 if the monitor supports Full HD resolution. If the monitor does not support Full HD resolution, then the resolution will be set to 1024 x 768. When [Disable] is selected, the resolution will be set to 1024 x 768 directly.

## 4.4.1 CPU Configuration



### PSS Support

Use this to enable or disable the generation of ACPI \_PPC, \_PSS, and \_PCT objects.

### NX Mode

Use this to enable or disable NX mode.

### SVM Mode

When this is set to [Enabled], a VMM (Virtual Machine Architecture) can utilize the additional hardware capabilities provided by AMD-V. The default value is [Enabled].  
Configuration options: [Enabled] and [Disabled].

### SMT Mode

This item can be used to disable symmetric multithreading. To re-enable SMT, a power cycle is needed after selecting [Auto].

Warning: S3 is not supported on systems where SMT is disabled.

### AMD fTPM Switch

Use this to enable or disable AMD CPU fTPM.

## 4.4.2 Onboard Devices Configuration



### SR-IOV Support

Enable/disable the SR-IOV (Single Root IO Virtualization Support) if the system has SR-IOV capable PCIe devices.

### UMA Frame buffer Size (Only for processor with integrated graphics)

This item allows you to set the size of the UMA frame buffer.

### Onboard HD Audio

Enable/disable onboard HD audio. Set to Auto to enable onboard HD audio and automatically disable it when a sound card is installed.

### Restore on AC/Power Loss

Select the power state after a power failure. If [Power Off] is selected, the power will remain off when the power recovers. If [Power On] is selected, the system will start to boot up when the power recovers.

### Onboard WAN Device

Enable or disable the onboard WAN device.

### WAN Radio

Enable/disable the WiFi module's connectivity.

---

## Bluetooth

Enable/disable the bluetooth's connectivity

## Onboard LAN

Enable or disable the onboard network interface controller.

## 4.4.3 Storage Configuration



### SATA Controller(s)

Enable/disable the SATA controllers.

## 4.4.4 ACPI Configuration



### Suspend to RAM

It is recommended to select auto for ACPI S3 power saving.

### Deep Sleep

Configure deep sleep mode for power saving when the computer is shut down.

### Wake From Onboard LAN

Allow the system to be waked up by onboard LAN.

### Ring-In Power On

Allow the system to be waked up by onboard COM port modem Ring-In signals.

### RTC Alarm Power On

Allow the system to be waked up by the real time clock alarm. Set it to By OS to let it be handled by your operating system.

### USB Keyboard/Remote Power On

Allow the system to be waked up by an USB keyboard or remote controller.

### USB Mouse Power On

Allow the system to be waked up by an USB mouse.

## 4.4.5 Trusted Computing



### Security Device Support

Enable or disable BIOS support for security device.

## 4.5 Tools



### SSD Secure Erase Tool

Use this tool to securely erase SSD.

### Instant Flash

Save UEFI files in your USB storage device and run Instant Flash to update your UEFI.

## 4.6 Hardware Health Event Monitoring Screen

This section allows you to monitor the status of the hardware on your system, including the parameters of the CPU temperature, motherboard temperature, fan speed and voltage.



### CPU FAN1 Setting

Select a fan mode for CPU Fan 1, or choose Customize to set 5 CPU temperatures and assign a respective fan speed for each temperature.

## 4.7 Security Screen

In this section you may set or change the supervisor/user password for the system. You may also clear the user password.



### Supervisor Password

Set or change the password for the administrator account. Only the administrator has authority to change the settings in the UEFI Setup Utility. Leave it blank and press enter to remove the password.

### User Password

Set or change the password for the user account. Users are unable to change the settings in the UEFI Setup Utility. Leave it blank and press enter to remove the password.

### Secure Boot

Enable to support Secure Boot.

## 4.8 Boot Screen

This section displays the available devices on your system for you to configure the boot settings and the boot priority.



### Fast Boot

Fast Boot minimizes your computer's boot time. In fast mode you may not boot from an USB storage device.

### Boot From Onboard LAN

Allow the system to be waked up by the onboard LAN.

### Setup Prompt Timeout

Configure the number of seconds to wait for the setup hot key.

### Bootup Num-Lock

Select whether Num Lock should be turned on or off when the system boots up.

### Full Screen Logo

Enable to display the boot logo or disable to show normal POST messages.

## CSM (Compatibility Support Module)



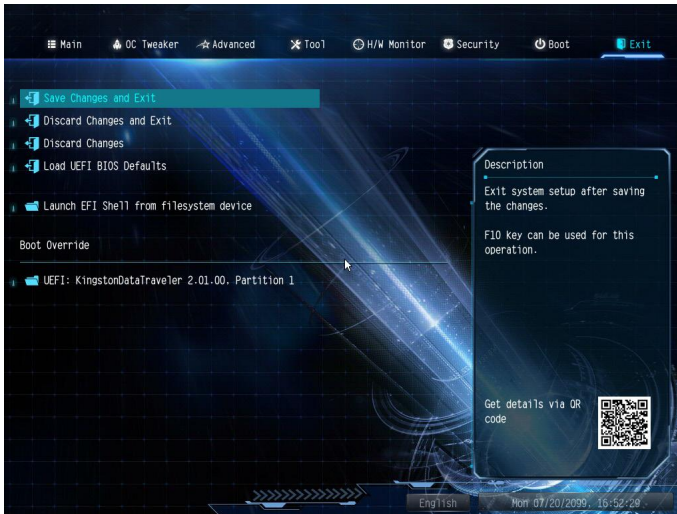
### CSM

Enable to launch the Compatibility Support Module. Please do not disable unless you're running a WHCK test.

### Other PCI Device ROM Priority

For PCI devices other than Network, Mass storage or Video defines which OpROM to launch.

## 4.9 Exit Screen



### Save Changes and Exit

When you select this option the following message, “Save configuration changes and exit setup?” will pop out. Select [OK] to save changes and exit the UEFI SETUP UTILITY.

### Discard Changes and Exit

When you select this option the following message, “Discard changes and exit setup?” will pop out. Select [OK] to exit the UEFI SETUP UTILITY without saving any changes.

### Discard Changes

When you select this option the following message, “Discard changes?” will pop out. Select [OK] to discard all changes.

### Load UEFI BIOS Defaults

Load UEFI BIOS Default values for all the setup questions. The F9 key can be used for this operation.

# DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2.1077(a)



**Product Name : Motherboard**

**Model Number : FP6D4-P1**

Conforms to the following specifications:

☒ FCC Part 15, Subpart B, Unintentional Radiators

## **Supplementary Information:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# EU Declaration of Conformity

For the following equipment:

**Motherboard**

(Product Name)

**FP6D4-P1**

(Model Designation / Trade Name)

☒ **EMC —Directive 2014/30/EU (from April 20th, 2016)**

- ☐ EN 55022:2010/AC:2011 Class B
- ☒ EN 55024:2010/A1:2015
- ☒ EN 55032:2012+AC:2013 Class B
- ☒ EN 61000-3-3:2013
- ☒ EN 61000-3-2:2014

☐ **LVD —Directive 2014/35/EU (from April 20th, 2016)**

- ☐ EN 60950-1 : 2011+ A2: 2013
- ☐ EN 60950-1 : 2006/A12: 2011

☒ RoHS — Directive 2011/65/EU

☒ CE marking



(EU conformity marking)