



M.I.T.

System

BIOS

Peripherals

Chipset

Power

Save & Exit

Extreme Memory Profile(X.M.P.)**Profile1**

System Memory Multiplier	Auto	32.00
Memory Ref Clock	Auto	
Memory Odd Ratio (100/133 or 200/266)	Auto	
Memory Boot Mode	Auto	
Memory Frequency(MHz)	3200MHz	3200MHz

Memory Enhancement Settings**Normal**

Memory Timing Mode	Auto	
Profile DDR Voltage	1.35V	1.35V
Memory Multiplier Tweaker	Auto	1
Channel Interleaving	Auto	
Rank Interleaving	Auto	

- Channel A Memory Sub Timings
- Channel B Memory Sub Timings

Esc

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Initial Display Output

OnBoard LAN Controller

EZ RAID

Ambient LED

Rear Panel LED

LED Hue

Intel Platform Trust Technology (PTT)

- Thunderbolt(TM) Configuration
- OffBoard SATA Controller Configuration
- Trusted Computing
- Super IO Configuration
- Intel(R) Bios Guard Technology
- Network Stack Configuration
- NVMe Configuration
- USB Configuration
- SATA And RST Configuration

PCIe 1 Slot

Enabled

Still Mode

On

Red

Disabled

Alt

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USB Configuration

USB Module Version 16

USB Controllers:

1 XHCI

USB Devices:

2 Drives, 1 Keyboard, 1 Mouse, 7 Hubs

Legacy USB Support

Enabled

XHCI Hand-off

Enabled

USB Mass Storage Driver Support

Enabled

Port 60/64 Emulation

Enabled

Mass Storage Devices:

Generic-SD/MMC/MS/MSPRO 1.00

Auto

SanDisk Extreme 0001

Auto

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Boot Configuration

Bootup NumLock State

On

Security Option

System

Full Screen LOGO Show

Disabled

Boot Option Priorities

Boot Option #1

UEFI OS

Boot Option #2

P0: ASUS DRW-24B1ST j

Boot Option #3

UEFI OS (P4: WDC WD5001FZWX-00ZHUA0)

Boot Option #4

Windows Boot Manager

Boot Option #5

ubuntu

Boot Option #6

UEFI OS

Boot Option #7

Disabled

Boot Option #8

Disabled

CD/DVD ROM Drive BBS Priorities

Hard Drive BBS Priorities

Fast Boot

Disabled

Mouse Speed

3 X

Windows 8/10 Features

Other OS

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SATA And RST Configuration

SATA Controller(s)	Enabled
SATA Mode Selection	AHCI
Aggressive LPM Support	Enabled
SATA0	[Not Installed]
Software Preserve	Unknown
Port 0	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA1	[Not Installed]
Software Preserve	Unknown
Port 1	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA2	[Not Installed]
Software Preserve	Unknown
Port 2	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA3	[Not Installed]
Software Preserve	Unknown
Port 3	Enabled

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Boot Option #3	UEFI OS (P4: WDC WD5001FZWX-00ZHUA0)
Boot Option #4	Windows Boot Manager
Boot Option #5	ubuntu
Boot Option #6	UEFI OS
Boot Option #7	Disabled
Boot Option #8	Disabled

CD/DVD ROM Drive BBS Priorities
Hard Drive BBS Priorities

Fast Boot Disabled

Mouse Speed 3 X

Windows 8/10 Features	Other OS
LAN PXE Boot Option ROM	Disabled
Storage Boot Option Control	UEFI
Other PCI devices	UEFI

Administrator Password
User Password

■ Secure Boot

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Thunderbolt(TM) Support**Enabled**

Thunderbolt Boot Support

Disabled

ThunderBolt Detachable Graphics Support

Disabled

Skip PCI OptionRom

Enabled

Security Level

User Authorization

Reserved Memory

256

Reserved PMemory

32

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Super IO Configuration

Serial Port

Disabled

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Software Preserve	Unknown
Port 1	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA2	[Not Installed]
Software Preserve	Unknown
Port 2	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA3	[Not Installed]
Software Preserve	Unknown
Port 3	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA4	WDC WD5001FZWX (5000.9GB)
Software Preserve	SUPPORTED
Port 4	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported
SATA5	Samsung SSD 85 (512.1GB)
Software Preserve	SUPPORTED
Port 5	Enabled
Hot Plug	Disabled
Configured as eSATA	Hot Plug supported

Esc

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System Information

Model Name	Z170X-Gaming 7
BIOS Version	F20
BIOS Date	11/04/2016
BIOS ID	8A09AG0A

Access Level	Administrator
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System Language	English
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System Date [12 / 03 / 2016] Sat

System Time [14 : 58 : 37]

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VT-d

Enabled

Internal Graphics

Disabled

Audio Controller

Enabled

PCH LAN Controller

Enabled

Wake on LAN Enable

Enabled

High Precision Timer

Enabled

IOAPIC 24-119 Entries

Enabled

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Platform Power Management

Disabled

AC BACK

Always Off

Power On By Keyboard

Disabled

Power On Password

Power On By Mouse

Disabled

ErP

Disabled

Soft-Off by PWR-BTTN

Instant-Off

Power Loading

Auto

USB DAC Power

Enabled

Resume by Alarm

Disabled

Wake up day

0

Wake up hour

0

Wake up minute

0

Wake up second

0

RC6(Render Standby)

Enabled

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CPU Base Clock

Auto 100.00MHz

Host Clock Value

100.00MHz

Graphics Slice Ratio

Auto 30.00

Graphics UnSlice Ratio

Auto 30.00

CPU Upgrade

i7-6700K CPU 4.6GHz

CPU Clock Ratio

Auto 40

CPU Frequency

4.60GHz 4.00GHz

FCLK Frequency for Early Power On

1GHz

■ Advanced CPU Core Settings

Extreme Memory Profile(X.M.P.)

Profile1

System Memory Multiplier

Auto 32.00

Memory Ref Clock

Auto

Memory Odd Ratio (100/133 or 200/266)

Auto

Memory Frequency(MHz)

3200MHz 3200MHz

Esc

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