

20:55 Sun 27 Mar, 2022

Temperature

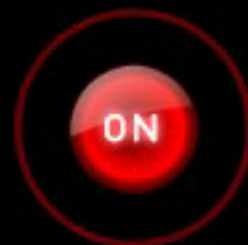
CPU

39°C

Motherboard

32°C

XMP



**CPU Speed** 2.80 GHz  
**DDR Speed** 2666 MHz

BIOS Ver: E7C67IMS.143  
BIOS Build Date: 11/17/2021  
BIOS Mode: CSM/ UEFI

MB: MAG B365M MORTAR(MS-7C67)  
CPU: Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz  
Memory Size: 16384MB  
VCore: 0.992V  
DDR Voltage: 1.200V

**Boot Priority**



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\PCI Subsystem Settings

HOT KEY | ↩

PEG0 - Max Link Speed	[Auto]
PCI Latency Timer	[32 PCI Bus Cl...]
Above 4G memory/Crypto Currency mining	[Disabled]
Re-Size BAR Support	[Disabled]

HELP

INFO

Sets PCI Express protocol for matching different installed devices.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\ACPI Settings

HOT KEY I ↩

Power LED	[Blinking]
CPU Over Temperature Alert	[Auto]

HELP

INFO

Enables or disables to fire an alert when CPU reaches the set temperature! Please ensure the CPU cooler is firmly attached to CPU and is able to provide sufficient thermal dissipation.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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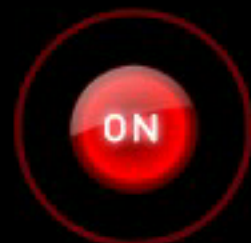
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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Integrated Peripherals

HOT KEY | ↩

Onboard LAN Configuration

Onboard LAN Controller	[Enabled]
LAN Option ROM	[Disabled]
Network stack	[Disabled]

SATA Configuration

SATA Mode	[AHCI Mode]
SATA1 Hot Plug	[Disabled]
SATA2 Hot Plug	[Disabled]
SATA3 Hot Plug	[Disabled]
SATA4 Hot Plug	[Disabled]
SATA5 Hot Plug	[Disabled]
SATA6 Hot Plug	[Disabled]

Audio Configuration

HD Audio Controller	[Enabled]
---------------------	-----------

HPET Configuration

HPET	[Enabled]
------	-----------

HELP

INFO

Enables or disables the HPET (High Precision Event Timers) support.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help



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SETTINGS

Settings\Advanced\Integrated Graphics Configuration

HOT KEY | ↩

Integrated Graphics Devices Configuration

Initiate Graphic Adapter	[IGD]
Integrated Graphics Share Memory	[64M]

HELP

INFO

Selects a graphics device as the primary boot device.

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
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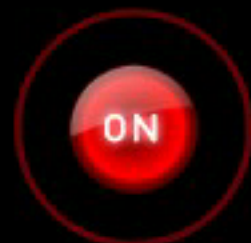
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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\USB Configuration

HOT KEY I ↩

USB Configuration

USB Devices:

1 Drive, 2 Keyboards, 2 Mice, 1 Hub

USB Controller	[Enabled]
XHCI Hand-off	[Enabled]
Legacy USB Support	[Enabled]

HELP

INFO

Sets Legacy USB function support.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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Temperature

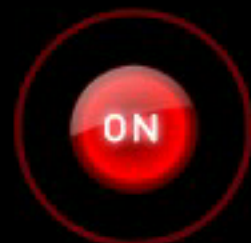
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**Boot Priority**



Settings\Advanced\Super IO Configuration\  
Serial(COM) Port 0 Configuration

HOT KEY I ↩

Serial(COM) Port 0 Configuration

Serial(COM) Port0 [Disabled]

HELP

INFO

Enables or disables  
serial (COM) port 0.

SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help



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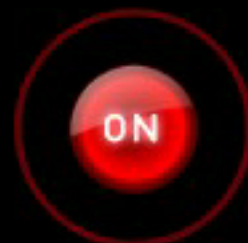
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**Boot Priority**



SETTINGS

Settings\Advanced\Super IO Configuration\  
Parallel(LPT) Port Configuration

HOT KEY I ↩

Parallel(LPT) Port Configuration

Parallel(LPT) Port [Disabled]

HELP

INFO

Enables or disables  
parallel(LPT) port.

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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**Boot Priority**



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Power Management Setup

HOT KEY | ↩

ErP Ready	[Disabled]
Restore after AC Power Loss	[Power off]
System Power Fault Protection	[Disabled]
USB Standby Power at S4/S5	[Disabled]

HELP

INFO

Enables or disables the system power consumption optimum according to ErP regulation.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help



20:56 Sun 27 Mar, 2022

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Boot Priority



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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Windows OS Configuration

HOT KEY I ↩

Windows 10 WHQL Support	[UEFI]
Windows 7 Installation	[Enabled]
MSI Fast Boot	[Disabled]
Fast Boot	[Disabled]

> GOP Information  
> Secure Boot

HELP

INFO

Sets the Windows secure boot to prevent the unauthorized accessing.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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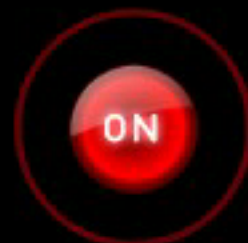
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Boot Priority



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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Windows OS Configuration\Secure Boot

HOT KEY I ↩

System Mode state

User

Secure Boot state

Not Active

Vendor Keys

Active

Secure Boot Support

[Disabled]

Secure Boot Mode

[Standard]

> Key Management

HELP

INFO

Selects the secure boot mode. This item is to select how the secure boot keys be loaded. This item appears when "Secure Boot" is enabled. [Standard] The system will automatically load the secure keys from BIOS. [Custom] Allows user to configure the secure boot settings and

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

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**Boot Priority**



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Wake Up Event Setup

HOT KEY I ↩

Setup Wake Up Configuration

Wake Up Event By	[BIOS]
Resume By RTC Alarm	[Disabled]
Resume By PCI-E Device	[Disabled]
Resume By Onboard Intel LAN	[Disabled]
Resume By USB Device	[Disabled]
Resume From S3/S4/S5 by PS/2 Mouse	[Disabled]
Resume From S3/S4/S5 by PS/2 keyboard	[Disabled]

HELP

INFO

Selects the wake up event by BIOS or operating system.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help



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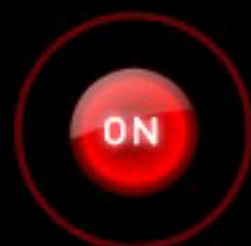
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VCore: 0.984V  
DDR Voltage: 1.200V

SETTINGS

Overclocking settings  
OC

Use USB to flash BIOS  
M-FLASH

Settings\Security\Trusted Computing

HOT KEY | ↩

TPM2.0 Device Found

Firmware Version:

303.12

Vendor:

INTC

Security Device Support

[Enabled]

TPM Device Selection

[PTT]

Device Select

[Auto]

Pending operation

[None]

Platform Hierarchy

[Enabled]

Storage Hierarchy

[Enabled]

Endorsement Hierarchy

[Enabled]

HashPolicy

[Sha256]

HELP

INFO

Select the Hash policy to use. SHA-2 is most secure but might not be supported by all Operating Systems

↑ ↓ → ←: Move  
Enter: Select  
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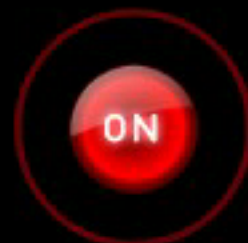
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SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Boot

HOT KEY |

Boot Configuration

Full Screen Logo Display [Enabled]

GO2BIOS [Disabled]

Bootup NumLock State [On]

Info Block effect [Unlock]

POST Beep [Disabled]

AUTO CLR\_CMOS [Disabled]

Boot mode select [UEFI]

FIXED BOOT ORDER Priorities

Boot Option #1 [UEFI Hard Dis...]

Boot Option #2 [UEFI CD/DVD]

Boot Option #3 [UEFI USB Hard...]

Boot Option #4 [UEFI USB CD/DVD]

Boot Option #5 [UEFI USB Key]

Boot Option #6 [UEFI USB Floppy]

Boot Option #7 [UEFI Network]

» UEFI Hard Disk Drive BBS Priorities

HELP

INFO

Specifies the Boot Device Priority sequence from available UEFI Hard Disk Drives.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help



20:57 Sun 27 Mar, 2022

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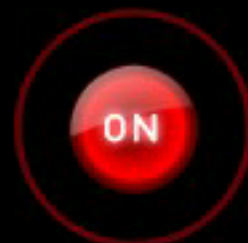
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**Boot Priority**



Overclocking\CPU Features

HOT KEY | ↩

Active Processor Cores	[All]	
Limit CPUID Maximum	[Disabled]	
Intel Virtualization Tech	[Enabled]	
Intel VT-D Tech	[Enabled]	
Hardware Prefetcher	[Enabled]	
Adjacent Cache Line Prefetch	[Enabled]	
CPU AES Instructions	[Enabled]	
Intel Adaptive Thermal Monitor	[Enabled]	
Intel C-State	[Auto]	
C1E Support	[Disabled]	
Package C State Limit	[Auto]	
CFG Lock	[Enabled]	
EIST	[Enabled]	
Intel Turbo Boost	[Enabled]	
Long Duration Power Limit(W)	115W	Auto
Long Duration Maintained(s)	16s	[Auto]
Short Duration Power Limit(W)	125W	Auto
CPU Current Limit(A)	193A	Auto
CPU Lite Load	Mode_17	[Auto]
FCLK Frequency	[Auto]	
DMI Link Speed	[Auto]	
SW Guard Extensions (SGX)	[Software Cont...]	

HELP

INFO

Enables or disables the extended CPUID value.

↑ ↓ → ←: Move  
Enter: Select  
+/-: Value  
ESC: Exit  
F1: General Help

Motherboard settings  
**SETTINGS**

OC

Use USB to flash BIOS  
**M-FLASH**