

BIOS Settings GigaByte Z390 M Gaming:

>> **Load Optimized Defaults** then make the following settings – important settings in bold:

- **M.I.T.**
 - Advanced Frequency Settings: Extreme Memory Profile (X.M.P.) >> **Profile 1**
 - CPU Internal AC/DC load line - Power Saving
 - CPU Score Load Calibration - Low
- **BIOS**
 - Fast Boot: Disabled
 - Windows 8/10 Features >> Other OS also Windows
 - CSM Support >> **Disabled**
Secure Boot >> disabled by default, but good to check
- **Peripherals**
 - Initial Display Output: PCIe Slot 1 (sofern da die Grafikkarte drin ist)
 - Intel Platform Trust Technology (PTT) >> Disabled
- **Super IO Configuration**
 - Serial Port: Disabled
- **USB Configuration**
 - Legacy USB Support >> Enabled
 - XHCI Hand-off >> **Enabled**
- **Network Stack Configuration**
 - Network Stack >> Disabled
- **Thunderbolt(TM) Configuration**
 - TBT V-td Base Security >> **Disabled**
 - Thunderbolt Boot Support >> **Disabled**
 - Security Level >> **No Security**
Discrete Thunderbolt(TM) Configuration:
Thunderbolt USB Support: Enabled
GPIO Force Pwr: Enabled
Zur Sicherheit checken: PCIe x4 Switch: PCH Side
- **Chipset**
 - Vt-d **Disabled**
 - Internal Graphics >> Enabled
 - DVMT Pre-Alloc >> 64M
 - DVMT Total Gfx Mem >> 256M
 - Audio Controller >> Enabled
 - Above 4G Decoding >> Disabled
 - PCH LAN Controller: Enabled
 - IOAPIC 24-119 Entries: Enabled
- **Power**
 - ErP >> Disabled
 - RC6 (Render Standby) >> Enabled
- **Trusted Computing:**
 - Security Device Support: Disable
- **SATA And RST Configuration:**
Zur Sicherheit checken: SATA Mode Selection: AHCI
- **Smart Fan:**

Die Lüftersteuerung (Smart Fan) müsst ihr nach euren Bedürfnissen einrichten. Ich habe bei mir den CPU-Lüfter auf "Silent", den Rest auf "Manual" und meine eigenen Lüfterkurven eingestellt, die alle noch deutlich leiser sind als die "Silent"-Einstellung. Außer beim CPU-Lüfter habe ich bei allen Lüftern "VRM MOS" als Sensor ausgewählt (also nicht "System 1", "System 2" etc.).



Thunderbolt(TM) Configuration:

(bei Frage: „Save configuration and exit“ hier „No“ auswählen.)

Save and Exit, The system will restart





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10/26/2018
Friday21:32

M.I.T. System BIOS **Peripherals** Chipset Power Save & Exit

PCIE Bifurcation Support

Initial Display Output

EZ RAID

LEDs in System Power On State

Intel Platform Trust Technology (PTT)

Software Guard Extensions (SGX)

■ OffBoard SATA Controller Configuration

■ Trusted Computing

■ Super IO Configuration

■ Intel(R) Bios Guard Technology

■ USB Configuration

■ Network Stack Configuration

■ NVMe Configuration

■ SATA And RST Configuration

■ Intel(R) Ethernet Connection (7) I219-V - B4:2E:99:10:28:F9

PCIE x16

PCIE 1 Slot

On

Disabled

Software Controlled

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M.I.T. System BIOS **Peripherals** Chipset Power Save & Exit

USB Configuration

Legacy USB Support

XHCI Hand-off

USB Mass Storage Driver Support

Port 60/64 Emulation

Mass Storage Devices:

Spaceloop 16GB 1100

Enabled

Enabled

Enabled

Disabled

Auto

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M.I.T. System BIOS **Peripherals** Chipset Power Save & Exit

Super IO Configuration

Serial Port

Disabled

Esc

Back

