AMD Hidden Bios Setting Guide (Scewin)

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Disclaimer: This guide aims to assist users in accessing hidden BIOS settings to enhance system performance and reduce latency. However, please be aware that altering BIOS settings carries inherent risks and may result in unintended consequences, including system instability or hardware damage. Proceed with caution and at your own risk. I am not liable or responsible for any issues that may arise from following the instructions in this guide.

Discord Server: https://discord.gg/ZhZ8eJZc42
How to Reset Bios by Removing CMOS Battery:
https://www.youtube.com/watch?v=S9hyEPTFR10

Don't Mass Apply All These Settings! Do Them in Groups or you Can Risk Bricking your OS and Having Issues.

Primary Video Adaptor – Ext Graphics (PEG) (If not using Integrated GPU)
PX Dynamic Mode – Disabled
Discrete GPU's Audio – Disabled
Adaptive S4 – Disabled
LAN Power Enable – Disabled
PM L1 SS – Disabled
Unused GPP Clocks Off – Disabled
Clock Power Management(CLKREQ#) – Disabled
Win7 USB Wake Support – Disabled

ACP Power Gating - Disabled

ACP CLock Gating - Disabled

DRAM Latency Enhance - Enabled

Power Down Enable - Disabled

ECO Mode - Disabled

LN2 Mode - Disabled

SoC/Uncore OC Mode - Enabled

LCLK DPM - Disabled

LCLK DPM Enhanced PCIe Detection - Disabled

SMEE - Disabled

Global C-state Control - Disabled

ACPI _CST C1 Declaration - Disabled

Indirect Branch Prediction Speculation - Disabled

Fast Short REP MOVSB - Enabled

Enhanced REP MOVSB/STOSB - Enabled

REP-MOV/STOS Streaming - Enabled

Disable DF to external downstream IP SyncFloodPropagation - Sync flood disabled

Disable DF sync flood propagation - Sync flood disabled

Freeze DF module queues on error - Disabled

CC6 memory region encryption - Disabled

PSP error injection support - False

DRAM scrub time - Disabled

Poison scrubber control - Disabled

Redirect scrubber control - Disabled

GMI encryption control - Disabled

xGMI encryption control - Disabled

Data Poisoning - Disabled

RCD Parity - Disabled

DRAM Address Command Parity Retry - Disabled

Write CRC Enable - Disabled

DRAM Write CRC Enable and Retry Limit - Disabled

DRAM ECC Enable - Disabled

DRAM UECC Retry - Disabled

BankGroupSwap - Disabled

BankGroupSwapAlt - Enabled

Address Hash Bank - Disabled

Address Hash CS - Disabled

Address Hash Rm - Disabled

IOMMU - Disabled

DMA Protection - Disabled

DMAr Support - Disabled

ACS Enable - Disabled

Enable AER Cap - Disabled

SRIS - Enable

Determinism Control - Manual

Determinism Slider - Power

APBDIS - 1

DF Cstates - Disabled

Fixed SOC Pstate - P0

CPPC - Disabled

CPPC Preferred Cores - Disabled

NBIO SyncFlood Generation - Disabled

NBIO SyncFlood Reporting - Disabled

Log Poison Data from SLINK - Disabled

Edpc Control - Disabled

ESPI Enable - Disabled

ALink RAS Support - Disabled

BIOS Mode - OC Genie Mode

CPU temperature Warning Control - Disabled

Resume By PCI-E Device - 0

Resume By Onboard Intel LAN - 0

Resume By USB Device - 0

Resume From S3/S4/S5 By PS/2 Mouse - 0

Resume From S3/S4/S5 By PS/2 keyboard - 0

Re-Size BAR Support - Enabled

ASPM Control for CPU - Disabled

S3/Modern Standby Support - Disabled

HPET - Enabled

A-XMP - Enabled (If you haven't ram oc'ed)

DRAM map inversion - Enabled

SVM Mode - Disabled

Spread Spectrum - Disabled

Opcache Control - Disabled

TSME - Disabled

ACPI Standby State - Suspend Disabled

ASPM Mode Control - Disabled

PPC Adjustment - PState 0

SR-IOV Support - Disabled

ASPM Support - Disabled

PCIB Clock Run - Disabled

Int. Clk Differential Spread - Disabled

SATA Slumber State Capability - Disabled

SB Clock Spread Spectrum - Disabled

ACPI SLIT remote relative distance - Near

SPD Read Optimization - Enabled

PCIe Ten Bit Tag Support - Disabled

NBIO DPM Control - Manual

NBIO Poison Consumption - Disabled

NBIO RAS Global Control - Manual

NBIO RAS Control - Disabled

NBIO SyncFlood Generation - Disabled

NBIO SyncFlood Reporting - Disabled

Sata RAS Support - Disabled

Aggresive SATA Device Sleep Port 0 - Disabled

Aggresive SATA Device Sleep Port 1 - Disabled

Socket1 DevSlp0 Enable - Disabled

Socket1 DevSlp1 Enable - Disabled

Chipset Power Saving Features - Disabled

ACPI SRAT L3 Cache As NUMA Domain - Enabled

Periodic Directory Rinse - Disabled

PSS Support - Disabled

AB Clock Gating - Disabled

Enable Hibernation (Can Cause Audio to Cut Off) - 0

NEEDS TESTING (Recommended to do but test one by one):

NX Mode - Disabled (Enable if you play Valorant)

SMT Control - Disable for Latency | Enable for FPS

System probe filter - Disabled (Enable if you have HT/SMT on)

4-link xGMI max speed - 25Gbps

3-link xGMI max speed - 25Gbps

xGMI Link Width Control - Manual

xGMI Force Link Width - 2

xGMI Force Link Width Control - Force

xGMI Max Link Width Control - Manual

xGMI Max Link Width - 1

Socket 0 NBIO 0 Target DPM Level - 2

Socket 0 NBIO 1 Target DPM Level - 2

Socket 0 NBIO 2 Target DPM Level - 2

Socket 0 NBIO 3 Target DPM Level - 2

Socket 1 NBIO 0 Target DPM Level - 2

Socket 1 NBIO 1 Target DPM Level - 2

Socket 1 NBIO 2 Target DPM Level - 2

Socket 1 NBIO 3 Target DPM Level - 2

Core Watchdog Timer Enable - Disabled

Maximum Payload - (The Max Value)

Maximum Read Request - (The Max Value)

Streaming Stores Control - Disabled