

# Rocket-Lake-S CPU in Z490-Board - wie es geht...

Beitrag von „Bob-Schmu“ vom 2. Juli 2021, 01:00

Warum soll er was dagegen haben, ein Blick in die Configuration.pdf von OpenCore und du hättest dieses auch selbst herausgefunden.

7.5. Enable Properties  
1. `acpi=off`  
Type: `acpi=off`, `is-hybrid`  
Default: `all-ones`  
Description: Sequence of 0s, 0s, 0s, 0s values to replace 0x00 (1) cell in XSD header.  
This property primarily meets three requirements:  
• Enabling support for an unsupported CPU model (e.g. Intel Pentium).  
• Enabling support for a CPU model not yet supported by a specific version of macOS (typically old versions).

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• Enabling XCPM support for an unsupported CPU model.  
Note 1: It may also be the case that the CPU model is supported but there is no power management supported (e.g. virtual machines). In this case, `MaxPower` and `MaxCurrent` can be set to restrict CPU virtualization and manage power management patches for the particular macOS kernel version.  
Note 2: Only the values of 0s, which represents the full CPUID, typically needs to be accounted for and remaining bytes should be left as zeros. The byte order is Little Endian. For example, 00 00 00 00 stands for CPUID 0x00000000 (PowerPC).  
Note 3: For XCPM support it is recommended to use the following combinations:  
• `MaxPower: 0x00000000` to `MaxPower: 0x00000000`  
`MaxCurrent: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00`  
`MaxPower: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF`  
• `MaxPower: 0x00000001` to `MaxPower: 0x00000001`  
`MaxCurrent: 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00`  
`MaxPower: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF`  
• `MaxPower: 0x00000002` to `MaxPower: 0x00000002`  
`MaxCurrent: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00`  
`MaxPower: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF`  
• `MaxPower: 0x00000003` to `MaxPower: 0x00000003`  
`MaxCurrent: 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00`  
`MaxPower: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF`  
Note 4: Do ensure that the following configurations are supported by XCPM (at least out of the box):  
• `MaxPower: 0x00000000` as Apple disabled XCPM for Ivy Bridge and recommends legacy power management for these CPUs. `_xcpm_hibernate` should normally be patched to enable XCPM on these CPUs instead of this option.  
• Low-end CPUs (e.g. Intel's Pentium) as they are not supported properly by macOS. Legacy workarounds for older models can be found in the Special: 0000 section of [acpi=off/AppleKey200](#).

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