OpenCore

Reference Manual (0.6.7.8)

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4. `FormFactor`
   Type: `plist integer`, 8-bit
   Failsafe: `0x02`
   SMBIOS: Memory Device (Type 17) — Form Factor
   Description: Specifies the form factor of the memory. On Macs, this should typically be DIMM or SODIMM. Commonly used form factors are listed below.

   When `CustomMemory` is `false`, this value is automatically set based on Mac product name.

   When `Automatic` is `true`, the original value from the the corresponding Mac model will be set if available. Otherwise, the value from `OcMacInfoLib` will be set. When `Automatic` is `false`, a user-specified value will be set if available. Otherwise, the original value from the firmware will be set. If no value is provided, the fallback value (`zero`) will be set.

   - `0x01` — Other
   - `0x02` — Unknown
   - `0x09` — DIMM
   - `0x0D` — SODIMM
   - `0x0F` — FB-DIMM

5. `MaxCapacity`
   Type: `plist integer`, 64-bit
   Failsafe: `0`
   SMBIOS: Physical Memory Array (Type 16) — Maximum Capacity
   Description: Specifies the maximum amount of memory, in bytes, supported by the system.

6. `TotalWidth`
   Type: `plist integer`, 16-bit
   Failsafe: `0xFFFF` (unknown)
   SMBIOS: Memory Device (Type 17) — Total Width
   Description: Specifies the total width, in bits, of the memory, including any check or error-correction bits. If there are no error-correction bits, this value should be equal to `DataWidth`.

7. `Type`
   Type: `plist integer`, 8-bit
   Failsafe: `0x02`
   SMBIOS: Memory Device (Type 17) — Memory Type
   Description: Specifies the memory type. Commonly used types are listed below.

   - `0x01` — Other
   - `0x02` — Unknown
   - `0x0F` — SDRAM
   - `0x12` — DDR
   - `0x13` — DDR2
   - `0x14` — DDR2 FB-DIMM
   - `0x18` — DDR3
   - `0x1A` — DDR4
   - `0x1B` — LPDDR
   - `0x1C` — LPDDR2
   - `0x1D` — LPDDR3
   - `0x1E` — LPDDR4

8. `TypeDetail`
   Type: `plist integer`, 16-bit
   Failsafe: `0x4`
   SMBIOS: Memory Device (Type 17) — Type Detail
   Description: Specifies additional memory type information.

   - `Bit 0` — Reserved, set to 0
   - `Bit 1` — Other
   - `Bit 2` — Unknown
   - `Bit 7` — Synchronous