GPT vs MBR TABLE

1- What is a GPT partition table?

The **GUID Partition Table** (**GPT**) is the modern partition table format. Forming a part of the **Unified Extensible Firmware Interface** (**UEFI**) standard (proposed replacement for the BIOS). All modern personal computer operating systems support GPT.

2- Partition types

a) <u>Primary partitions</u>: A primary partition contains one filesystem (*2) and can contain an operating system.

b) <u>Extended partitions</u>: No. The modern partition table does not need extended partitions.

c) <u>Logical partitions:</u> No. The modern partition table does not need extended partitions.

3- Bootable and Hidden partition flags

a) <u>Bootable flag available</u>: Yes

b) <u>Hidden flag available</u>: Yes.

5- Features
Maximum size disk: 9,4 <u>ZiB</u>
Max. number of primary partitions: By default 128 primary partitions, but the GPT format allows a maximum number of 2^32 partitions.
BIOS and UEFI support:
   • BIOS (old firmware): Yes but with some limitations and it depends on the BIOS version
   • UEFI (modern firmware): Yes
Backup and Integrity: Yes
Admitted partitions types: 65536
Backward and forward compatibility: Yes