# INSTITUTO TECNOLÓGICO DE PABELLÓN DE ARTEAGA

## Actividad 1.3: cuadro comparativo Supercomputadoras

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**“ACTIVIDAD 1.3: CUADRO COMPARATIVO DE Supercomputadoras”**

| Supercomputadora | Institución | País | Procesadores | Aceleradores | PFLOP-$ | $O |
|---|---|---|---|---|---|---|
| Frontier | Oak Ridge National Laboraty | EE.UU | AMD Optimized 3rd Gen EPYC 64C 2GHZ | AMD Instintict MI250X | 1,206 EFLOP\S | Cray Os |
| Aurora | Argone Leadership Computing Facility | EE.UU | Intel Xeon CPU MAX 9470 52C 2.4GHZ | Intel Data Center GPU Max | 1,012 EFLOP\S | Cray Os |
| Eagle | Microsoft Azure Cloud | EE.UU | Intel Xeon Platinum 8480C 48C 2GHZ | NVIDIA H100 | 561.2 PFLOP\S | Linux |
| Fugaku | RIKEN Center for Computational Science | Japon | Fujitsu A64FX 48C 2.2GHZ | N\A | 442 PFLOP\S | Custom Linux |
| Lumi | EuroHPC\CSC | Filandia | AMD Optimized 3rd Gen EPYC 64C 2GHXZ | AMD Instinct MI250X | 380 PFLOP-S | Cray OS |
| Leonardo | CINECA | Italia | Intel Xeon Platinum 8358 32C 2.6GHZ | NVIDIA A100 SXM4 64GB | 249.9 PFLOP-S | Custom Linux |
| Alps | Swiss National Supercomputing Centre(CSCS) | Suiza | NVDIA Grace 72C 3.1GHZ | NVIDIA GH200 Superchip | 270 PFLOP-S | Custom Linux |
| MareNostrum 5 ACC | Barcelona Supercomputing Center | España | Intel Xeon Plantinum 8460y + 32C 2.3GHZ | NVDIA H100 64GB | 205.3 PFLOP-S | Linux |
| Summit | Oak Ridge National Laboratory | EE.UU | IBM POWER9 22C3.07GHZ | NVDIA Volta GV100 | 148.6 PFLOP-S | Red Hat Enterprise Linux |
| Eos NVDIA DGX SuperPOD | NVDIA Corporation | EE.UU | Intel Xeon Platium 8480C56C 3.8GHZ | NVDIA H100 | 135 PFLOP-S | Custom Linux |