

High Performance Cluster

Arnouse Digital Devices Corp. (ADDC) is proud to introduce the ADDC-HPC (High Performance Cluster) a standard 19" wide 52U tall rack. This unique full rack solution has been built for efficient virtualization, high performance distributed computing, and big data analytical applications.

The HPC contains 26 2U SR-60 chassis. The SR-60 comes as a 2U sized drawer, which extends out of the rack 36" to expose the entire drawer. The SR-60 can be operated in a hot or cold aisle. The SR-60 is composed of 6 SR-10 modules, each module comes with 10 BioDigitalPC® card slots (cards sold separately), and (3) Gigabit NICs. All 30 Gigabit NICs are then connected to a shared managed ethernet switch with 2 SFP+ 10 Gb interconnects and an auxiliary 1 Gb connection providing each SR-60 with 120 Gb throughput.

When completely scaled out, the HPC allows for 1560 hot swappable BioDigitalPC® cards containing up to 12,480 Intel x86 vCores, up to 1.56 Petabytes of blazing fast NVMe storage, 25 TB of DDR4 RAM and can handle up to **3.12 Terabits** of data per second.



**12,480 vCores in One
Standard 19" Rack Rack**

Tech Specs

SKU	ADDC-HPC
Size	52U (91")H x 19"W x 36"D (Full Data Center Rack)
AC Power	100-240V
Configuration Specs	26 SR-60s, each with 60 BioDigitalPC® servers 1560 total PC12X server blades 12,480 Intel x86 vCores 50 TB of DDR4 RAM 1.56 Petabytes of NVMe Storage