

12,480 vCores in One Standard 19" Rack

ADDC High Performance Cluster

SKU#: ADDC-HPC

Arnouse Digital Devices Corp. (ADDC) is proud to introduce the ADDC-HPC 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 ADDC-HPC (High Performance Cluster) 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 ADDC-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.



SPECIFICATIONS

Size	52U (91") Height, 19" Width, 36" Depth
Power	AC: 100-240V
System Includes	One Standard 19" Rack Containing 26 SR-60s each with 60 server blades 1560 PC12 server blades totaling 12,480 Intel x86 vCores 25 TB of DDR4 RAM