

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

The following solution features the AMD EPYC 9334 processors with 704 total compute cores and 6GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

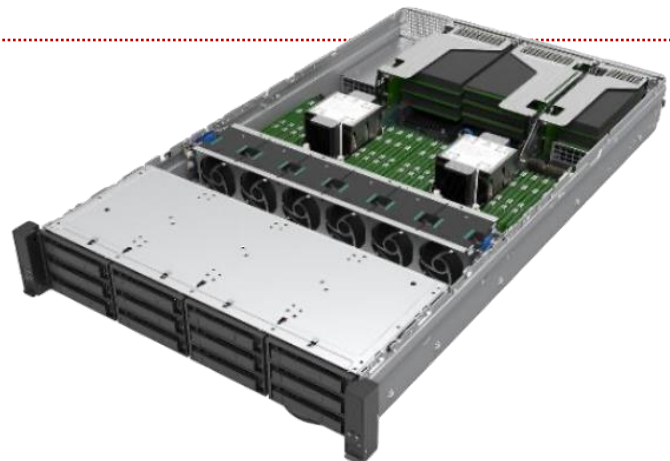
NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e1410 COMPUTE NODES	11	\$15,000.00	\$165,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e2420 LOGIN NODE WITH STORAGE	1	\$22,000.00	\$22,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- 144TB raw storage capacity with hardware RAID controller
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NETWORK SYSTEMS	1	\$2,500.00	\$2,500.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling of each node
- Uplink via 10Gb/s ports

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NDR INFINIBAND NETWORKING WITH STORAGE	1	\$50,000.00	\$50,000.00

- 64 port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb ports or a combination of the two speeds.
- 3 year warranty



advanced clustering
technologies, inc.

www.advancedclustering.com 📞 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
CLUSTERVISOR MANAGEMENT SYSTEM	1	\$3,000.00	\$3,000.00

ClusterVisor provides easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance
- Stores your entire cluster configuration, making it possible to manage every part of your cluster from the interface
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight the most important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
Rack and Power INFRASTRUCTURE	1	\$6,500.00	\$6,500.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 1,179.50 lbs.
Rack space used: 18U
Power: 18 kW
BTU: 58,340 BTU/hr.
HVAC needed: 4.86 tons



CIRCUITS NEEDED:

Qty 1 – IEC 309 60A 3P+PE
208V ePH at 60 Amps



*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

The following solution features the AMD EPYC 9334 processors with 1,472 total compute cores and 6GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

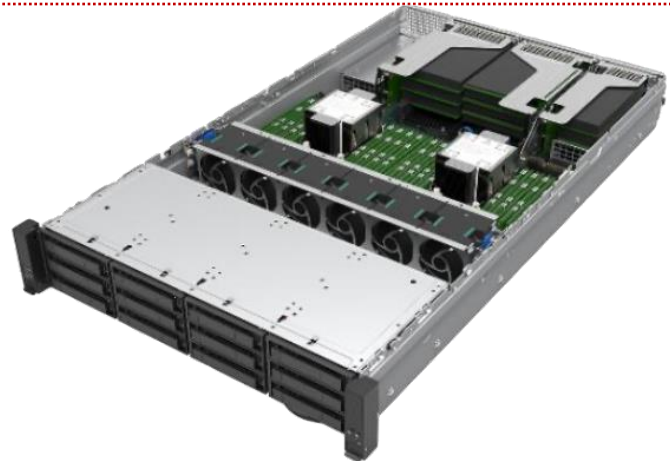
NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e1410 COMPUTE NODES	23	\$15,000.00	\$345,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e2420 LOGIN NODE	1	\$16,000.00	\$16,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run



advanced clustering
technologies, inc.

www.advancedclustering.com 📞 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
BEEGFS PARALLEL FILE SYSTEM HDD STORAGE BLOCK	1	\$75,000.00	\$75,000.00

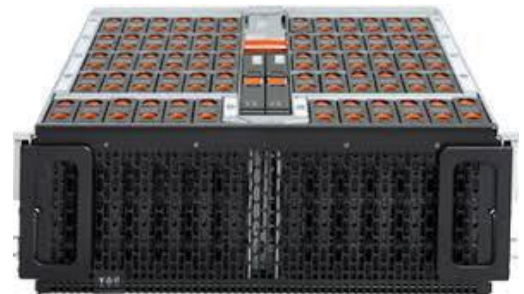
Storage server as configured below

- Base system: 2U dual socket Xeon storage controller
- Metadata option: Shared metadata with storage server
- Metadata size: Support a total filesystem less than 800TB
- Networking: 2x RJ45 10Gb Ethernet ports
- Fabric: 200Gb/s InfiniBand
- Warranty: 3 year standard warranty
- BeeGFS support: 3 year BeeGFS support contract



Storage target as configured below

- Enclosure: 4U, 60 drive JBOD with redundant SAS expanders
- Storage space: 768TB Usable – 6GB/s (60x 16TB)
- Onsite cold spare: 16TB Drive w/Carrier
- 3 year Advanced Overnight Warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
Network System	1	\$5,300.00	\$5,300.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Uplink via 10Gb ports
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling at each node



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
NDR InfiniBand Network	1	\$52,000.00	\$52,000.00

- 64-port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb/s ports or a combination of the two speeds.
- 3 year warranty

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
ClusterVisor Management System	1	\$6,500.00	\$6,500.00

ClusterVisor provides an easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance.
- Stores your entire cluster configuration, making it possible to manage every part of your cluster.
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight the most important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
Rack and Power INFRASTRUCTURE	1	\$12,600.00	\$12,600.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 2,493 lbs.
Rack space used: 36U
Power: 34 kW
BTU: 114,299 BTU/hr.
HVAC needed: 9.52 tons



CIRCUITS NEEDED:

Qty 2 – IEC 309 60A 3P+PE
208V 3PH at 60 Amps

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

The following solution features the AMD EPYC 9334 processors with 2,816 total compute cores and 6GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e1410 COMPUTE NODES	44	\$15,000.00	\$660,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



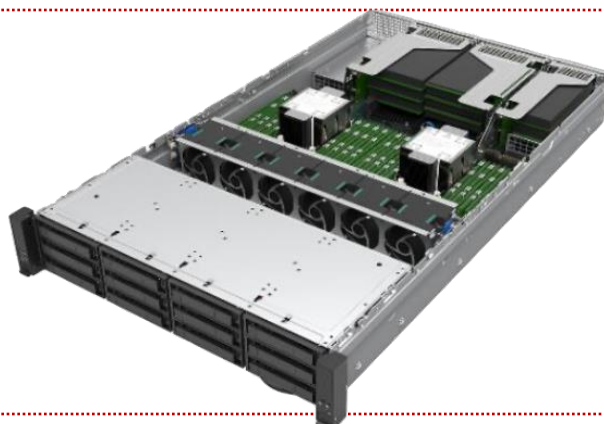
NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e2471c GPU NODE	1	\$76,000.00	\$76,000.00

- 1x AMD EPYC 9224 (24-core, 2.5GHz) processors
- 192GB of 4800MHz Registered ECC DDR memory
- NDR-200 InfiniBand
- 4x A100 GPUs
- 2U chassis that supports up to 4x GPU
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e2420 LOGIN NODE	1	\$16,000.00	\$16,000.00

- 2x AMD EPYC 9334 (32-core, 2.7GHz) processors
- 384GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run



*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
BEEGFS PARALLEL FILE SYSTEM HDD STORAGE BLOCK	2	\$75,000.00	\$150,000.00

Storage server as configured below

- Base system: 2U dual socket Xeon storage controller
- Metadata option: Shared metadata with storage server
- Metadata size: Support a total filesystem less than 800TB
- Networking: 2x RJ45 10Gb Ethernet ports
- Fabric: Single port HDR-100 InfiniBand (100Gb/s)
- Warranty: 3 year standard warranty
- BeeGFS support: 3 year BeeGFS support contract



Storage target as configured below

- 1.5PB total space
- Enclosure: 4U, 60 drive JBOD with redundant SAS expanders
- Storage space: 2x 768TB Usable – 6GB/s (60x 16TB)
- Onsite cold spare: 16TB Drive w/Carrier
- 3 year Advanced Overnight Warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
CLUSTERVISOR MANAGEMENT SYSTEM.	1	\$12,000.00	\$12,000.00

ClusterVisor provides an easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance.
- Stores your entire cluster configuration, making it possible to manage every part of your cluster.
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NETWORK SYSTEMS	1	\$13,000.00	\$13,000.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling of each node
- Uplink via 10Gb/s ports

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NDR INFINIBAND NETWORKING WITH STORAGE	1	\$59,000.00	\$59,000.00

- 64 port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb ports or a combination of the two speeds.
- 3 year warranty

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
Rack and Power INFRASTRUCTURE	1	\$21,000.00	\$21,000.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 4,300 lbs.
Rack space used: 65U
Power: 60 kW
BTU: 216,176 BTU/hr.
HVAC needed: 18 tons



CIRCUITS NEEDED:

Qty 4 – IEC 309 60A 3P+PE
208V 3PH at 60 Amps



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

The following solution features the Intel “Sapphire Rapids” 6430 processors with 1,644 total compute cores and 4.5GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

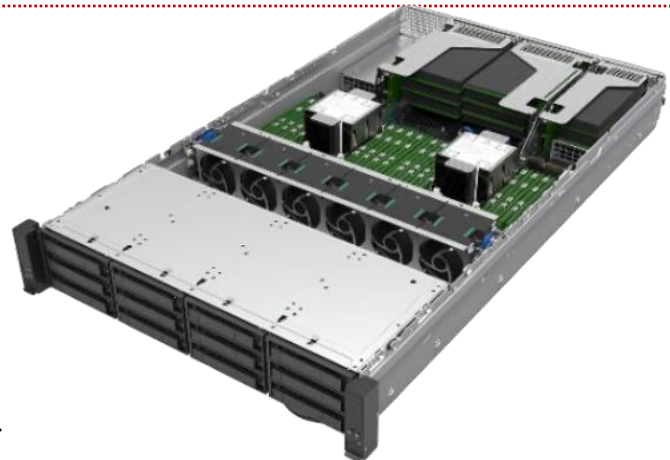
NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e1410 COMPUTE NODES	13	\$13,400.00	\$169,000.00

- 2x XEON (32-core, 2.1GHz) processors
- 256GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv x2420 LOGIN NODE WITH STORAGE	1	\$20,000.00	\$20,000.00

- 2x Intel XEON 6426Y (16-core, 2.5GHz) processors
- 256GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run
- 144TB raw SAS storage with a hardware RAID controller



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NETWORK SYSTEMS	1	\$2,500.00	\$2,500.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling of each node
- Uplink via 10Gb/s ports

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
NDR INFINIBAND NETWORKING WITH STORAGE	1	\$50,000.00	\$50,000.00

- 64 port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb ports or a combination of the two speeds.
- 3 year warranty



advanced clustering
technologies, inc.

www.advancedclustering.com 📞 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$250,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ClusterVisor Management System	1	\$3,800.00	\$3,800.00

ClusterVisor provides an easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance.
- Stores your entire cluster configuration, making it possible to manage every part of your cluster.
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight the most important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
Rack and Power INFRASTRUCTURE	1	\$6,300.00	\$6,300.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 1,200 lbs.
Rack space used: 19U
Power: 15 kW
BTU: 50,151 BTU/hr.
HVAC needed: 4.18 tons



CIRCUITS NEEDED:

Qty 1 – IEC 309 60A 3P+PE
208V 3PH at 60 Amps

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

The following solution features the Intel “Sapphire Rapids” 6430 processors with 1,644 total compute cores and 4GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv x1410 COMPUTE NODES	26	\$13,000.00	\$325,000.00

- 2x Intel XEON (32-core, 2.1GHz) processors
- 256GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv x2420 LOGIN NODE	1	\$14,000.00	\$14,000.00

- 2x Intel XEON 6430 (32-core, 2.1GHz) processors
- 256GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
BEEGFS PARALLEL FILE SYSTEM HDD STORAGE BLOCK	1	\$75,000.00	\$75,000.00

Storage server as configured below

- Base system: 2U dual socket Xeon storage controller
- Metadata option: Shared metadata with storage server
- Metadata size: Support a total filesystem less than 800TB
- Networking: 2x RJ45 10Gb Ethernet ports
- Fabric: 200Gb/s InfiniBand
- Warranty: 3 year standard warranty
- BeeGFS support: 3 year BeeGFS support contract



Storage target as configured below

- Enclosure: 4U, 60 drive JBOD with redundant SAS expanders
- Storage space: 768TB Usable – 6GB/s (60x 16TB)
- Onsite cold spare: 16TB Drive w/Carrier
- 3 year Advanced Overnight Warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
Network System	1	\$5,300.00	\$5,300.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Uplink via 10Gb ports
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling at each node



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$500,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
NDR INFINIBAND NETWORKING WITH STORAGE	1	\$52,200.00	\$52,200.00

- 64 port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb ports or a combination of the two speeds.
- 3 year warranty

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
ClusterVisor Management System	1	\$7,000.00	\$7,000.00

ClusterVisor provides an easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance.
- Stores your entire cluster configuration, making it possible to manage every part of your cluster.
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight the most important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
Rack and Power INFRASTRUCTURE	1	\$12,600.00	\$12,600.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 2,548 lbs.
Rack space used: 38U
Power: 29 kW
BTU: 98,085 BTU/hr.
HVAC needed: 8.17 tons



CIRCUITS NEEDED:

Qty 2 – IEC 309 60A 3P+PE
208V 3PH at 60 Amps



www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

The following solution features the Intel “Sapphire Rapids” processors with 3,200 total compute cores and 4GB of memory per core.

For questions about this system, contact:

Email: sales@advancedclustering.com | Phone: (913) 643-0300

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e1410 COMPUTE NODES	49	\$13,000.00	\$637,000.00

- 2x Intel Xeon 6430 (32-core, 2.1GHz) processors
- 256GB of 4800MHz Registered ECC DDR5 memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 1U chassis with redundant power
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv x4411c GPU NODE	1	\$87,000.00	\$87,000.00

- 1x Intel Xeon 4410Y (12-core, 2.6GHz) processors
- 256GB of 4800MHz Registered ECC DDR memory
- 1.92TB SSD
- NDR-200 InfiniBand
- 4x A100 GPUs
- 4U chassis w/redundant power & supports up to 8 dual width GPUS
- 3 year warranty with lifetime technical support



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
ACTserv e2420 LOGIN NODE	1	\$14,000.00	\$14,000.00

- 2x Intel XEON 6430 (32-core, 2.1GHz) processors
- 256GB of 4800MHz Registered ECC DDR memory
- 2x 1TB mirrored OS SSDs
- NDR-200 InfiniBand
- 2U chassis with redundant power
- 3 year warranty with lifetime technical support
- Login nodes are for users to SSH to the cluster to submit jobs, copy files to/from the cluster, and to compute code they want to run



*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE**
BEEGFS PARALLEL FILE SYSTEM HDD STORAGE BLOCK	2	\$75,000.00	\$150,000.00

Storage server as configured below

- Base system: 2U dual socket Xeon storage controller
- Metadata option: Shared metadata with storage server
- Metadata size: Support a total filesystem less than 800TB
- Networking: 2x RJ45 10Gb Ethernet ports
- Fabric: Single port HDR-100 InfiniBand (100Gb/s)
- Warranty: 3 year standard warranty
- BeeGFS support: 3 year BeeGFS support contract



Storage target as configured below

- Enclosure: 4U, 60 drive JBOD with redundant SAS expanders and redundant power supplies
- Storage space: 2x 768TB Usable – 6GB/s (60x 16TB)
- Onsite cold spare: 16TB Drive w/Carrier
- 3 year Advanced Overnight Warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
Network System	1	\$13,500.00	\$13,500.00

Node communication is provided through an Ethernet network. This switch gives you the ability to:

- Manage file system traffic, cluster utility communication, system administration and maintenance
- Uplink via 10Gb ports
- Remotely monitor temperatures, voltages, fans, and power supplies
- Allow for remote power cycling at each node



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.

HPC PRICING GUIDE



Finding Value and Optimal Performance in Any Budget

Note: Prices are subject to change given fluctuating market conditions.

\$1,000,000 CLUSTER

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
NDR INFINIBAND NETWORKING	1	\$59,000.00	\$59,000.00

- 64 port NDR IB switch; supports 64x 400Gb/s IB ports, 128x 200Gb ports or a combination of the two speeds.
- 3 year warranty

NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
ClusterVisor Management System	1	\$14,000.00	\$14,000.00

ClusterVisor provides an easy to use interface to deploy, provision, manage, monitor, and maintain your cluster.

- Serves as a disaster recovery tool that safeguards the health of your cluster
- Delivered to your cluster via our appliance.
- Stores your entire cluster configuration, making it possible to manage every part of your cluster.
- Features a powerful stats collection tool
- Enables you to create monitoring rules and alerts
- Create rack diagrams to visualize the entire cluster
- Customize dashboards to highlight the most important information
- Clone nodes and images
- Create users and groups, manage passwords and access
- 3 year licensing per node
- 3 year next day hardware warranty



NAME	QUANTITY	UNIT PRICE	TOTAL PRICE***
Rack and Power INFRASTRUCTURE	1	\$21,000.00	\$21,000.00

ACT clusters ship fully configured in racks so that they're ready to go once they've been removed from their pallets and moved into the data center. It's a true turn-key solution to get you up and running out of the box.

POWER AND COOLING (ESTIMATED DATA)

Weight: 4,638 lbs.
Rack space used: 72U
Power: 59 kW
BTU: 201,162 BTU/hr.
HVAC needed: 16.7 tons



CIRCUITS NEEDED:

Qty 4 – IEC 309 60A 3P+PE
208V 3PH at 60 Amps



advanced clustering
technologies, inc.

www.advancedclustering.com ☎ 866.802.8222 📠 913.643.0299

*** PRICES DO NOT INCLUDE ANY DISCOUNTS AND IS SUBJECT TO CHANGE.
CONTACT US FOR CURRENT PRICING AND DISCOUNT INFORMATION.