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QUOTATION

Quote # MWYQ23280 Date: 2/9/2018

Microway Confidential

Sales Rep.

Samantha Wheeler 508-732-5526 swheeler@microway.com

Quote To:

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(909) 607-9853 asya shklyar@hotmail.com

Ship To:

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GPU-Accelerated System for Deep Learning

Qty Description List Price Your Price Extended Price

Microway is a small business, woman owned and operated. We are building many clusters at any one time and have built thousands of custom clusters for universities, government research labs and agencies, and corporations. Microway has been in the scientific computing business since 1982.

1 DGX-1 Deep Learning Supercomputer in a Box with Tesla V100

NVIDIA DGX-1 Deep Learning System with "Volta" V100 GPUs Purpose-built by NVIDIA for Deep Learning Arrives with all hardware and software fully-integrated

Two 20-core Intel Xeon E5-2698v4 CPUs 512GB DDR4 2133MHz System Memory Eight Tesla V100 16GB "Volta" GPU Accelerators (a total of 40,960 NVIDIA CUDA cores; 5,120 Tensor cores) Four 1.92TB SSD in RAID0 (High-Speed Storage Cache) Dual X540 10GbE Ethernet ports (10GBase-T RJ45 ports) Four Mellanox ConnectX-4 100Gbps EDR InfiniBand ports One Gigabit Ethernet management port Ubuntu Server Linux Operating System



\$119.945

\$119.945

\$171,350

Software stack includes:

- * DIGITS training system
- * NVIDIA Deep Learning SDK with latest versions of CUDA & cuDNN
- * NVIDIA Cluster Portal (cloud or onsite)
- * Online application repository with the major deep learning frameworks
- * NVDocker containerized app deployment
- * Managed app container creation and deployment
- * Multi-Node management with telemetry, monitoring and alerts

3U Rackmount Form Factor (for standard 19-inch rack)

Rackmount Rail Kit included

Redundant, Hot-Swap Power Supplies (four IEC C13 208V power connections on rear)

Power Consumption: 3500W at full load

https://www.nvidia.com/dgx1

Please note that the ~35" depth of this chassis (866mm) typically requires an extended-depth rackmount cabinet

Qty Description List Price Your Price Extended Price

Support Services for NVIDIA DGX-1 "Volta" Deep Learning System (1-Year Academic)
Includes one year of 24x7 support and hardware warranty with 1-day SLA (replacement parts shipped)
Includes DGX-1 Software, Driver and Firmware Updates

For complete details, please see:

http://www.nvidia.com/object/dgx1-support.html

Total (Academic Pricing)

\$119,945

The following items are optional, and are not included in the total:

1 Onsite Installation Service (including travel time) (Optional)

\$2,800

\$2,800

Microway's technician will unpackage each DGX system and install into the customer's rackmount enclosure. Each DGX system will be powered on and proper operation will be verified. Network cable(s) will be connected and a network link will be verified.

Customer must ensure at least one person is available to assist Microway's technician.

Work which customer must complete BEFORE arrival of Microway's technician:

- * Ensure that the rackmount enclosure has the necessary physical space for each 3U DGX system (39 inches of rack mounting depth required)
 - * Ensure that sufficient electrical power is available for each DGX system (3200 Watts via four IEC C13 plugs)
- * Ensure that appropriate network connections are available, that connector types match the DGX system, and that cables of the appropriate length are available:

(1) or (2) Gigabit Ethernet, 10GBase-T RJ45, or 10GBase-SR fiber ports (optional) Up to 4 QSFP+ 100Gbps EDR InfiniBand ports

1 Extend NVIDIA Support Services Contract to 3 Years (V100 DGX-1) (Optional)

\$32,444

\$32,444

Support Services for NVIDIA DGX-1 "Volta" Deep Learning System (3-Year Academic)
Includes three years of 24x7 support and hardware warranty with 1-day SLA (replacement parts shipped)
Includes DGX-1 Software, Driver and Firmware Updates

For complete details, please see:

http://www.nvidia.com/object/dgx1-support.html

FOB: Destination

Ship Date: 3 - 4 Weeks after receipt of order and documentation

Warranty: Provided through NVIDIA

Terms: NET 30

Shipping Method: FedEx Freight

The Buyer is responsible for any sales taxes or duties related to the purchase.

NVIDIA requires the purchase of a 1-Year or 3-Year Support Contract

All DGX orders are non-cancellable and non-refundable.

Since 1982 Microway has been a leader in providing high performance computing solutions. Microway specializes in building complex clusters, servers, and workstations. We are unique in having Linux expertise throughout our organization to provide testing of all systems at our assembly and integration center at our headquarters in Plymouth, Massachusetts. Our validation suite includes a number of MPI applications and Microway proprietary software, including MPI Link-Checker and InfiniScope.



Microway is classified as a small business - woman owned and operated.

Microway welcomes our customers (and potential customers) to personally visit our manufacturing facility. We value the opportunity to share our understanding of the systems we build, and to demonstrate our dedication to quality in our design, fabrication, final testing and technical support. Please contact me if you plan to be in or near Massachusetts and would like to make an appointment.

Prices subject to review at time of order due to world-wide component price volatility.

This quote is valid for 90 days.