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United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Qualified Product Information Form for ENERGY STAR® Computer Servers
Office of Atmospheric Programs
Part 1: Qualification Testing and Labeling Information

ENERGY STAR® qualified product information form for use by ENERGY STAR qualified Computer Server partners (Companies who have joined ENERGY STAR for Computer Servers by signing the Partnership Agreement).

You may use this form to report only those products that are sold under your company's brand name. If your firm sells its models to another company that uses its own brand name, that company must join the program and report its own products. Information from this form will be added to the list of ENERGY STAR qualified Computer Server products. Please send this form for each qualifying product model or family to ENERGY STAR for Computer Servers via fax at (202) 862-1144 or email at **Servers@energystar.gov**.

A. Basic Product Information

1 Manufacturer/Partner Name: _____
2 Brand Name: _____
3 Model Name: _____

	Single or Minimum Configuration	*Maximum Configuration (for Product Families)*
4 Model Number / Configuration ID:		
5 Additional Model Numbers / Configurations IDs included in this product family		

B. Contact Information

1 Contact Name for this product: _____
2 Contact Phone: _____
3 Contact Email Address: _____
4 Contact Fax: _____

C. Manufacture Information

1 Initial Date of Manufacture: _____ (mm/dd/yyyy)
2 Date No Longer Manufactured: _____ (mm/dd/yyyy)
3 Date Available on the Market: _____ (mm/dd/yyyy)
4 If Date Available on Market is unknown, is this product available? _____
5 Is your organization the original equipment manufacturer? _____
6 If not, who is? _____

D. Available Markets

To what major markets is this product sold? (Check all that apply.)

- ☐ Australia/New Zealand
- ☐ Canada
- ☐ China
- ☐ European Union
- ☐ Mexico
- ☐ Taiwan
- ☐ United States
- ☐ Other _____

E. Labeling Information

Indicate where ENERGY STAR label appears. (Check all that apply.)

- ☐ On product advertising / promotional materials?
- ☐ On product?
  - ○ Permanent? Or,
  - ○ Temporary?
- ☐ On product packaging
- ☐ n product literature?
- ☐ On your Internet site?

F. Testing Information

1 Self-Tested? _____
2 If not self tested, please specify Testing Facility Name: _____

3 Date Tested: _____ (mm/dd/yyyy)

G. Power and Performance Data Sheet

1 Has the Power and Performance Data Sheet been attached?
2 If not, explain why?
3 Will the Power and Performance Data Sheet be posted to the Partner's Web site where information on the qualified model, or qualified configurations, is posted?

H. Product Details

			If Other
1	Product Form Factor:		
2	Dual-Node Server as defined in 1.H?		
3	Available Processor Sockets:		
4	Service Processor Installed:		
5	Capability to operate with redundant power supplies?		
6	Power Supply Input Power Type:		
7	Power Supply Output:		
8	Input Voltage Range (Volts AC or DC):		
9	Operating Systems Listed as Supporting:		
10	Managed Server, as defined by 1.G?	N	
11	Server Idle Category (as defined in Table 3 of specification):	error	
12	Is this data being submitted as part of a product family qualification?	No	
13	Notes:		

I. Power Supply Information

1	Power Supply Manufacturer / Brand:		
2	Power Supply Model Number:		
3	Power Supply Rated Power (Watts):		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
4	Total Number of Installed Power Supplies:		
5	Number of Power Supplies Installed for Redundancy:		

6 Power Supply Efficiency and Power Factor at Standard Loading:

Load	Efficiency	Power Factor
10%		
20%		
50%		
100%		

J. Processor Information

1	Processor Manufacturer / Brand:		
2	Processor Model Number:		
3	Number of Installed Processors:		
4	Cores Per Processor:		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
5	Processor Speed (GHz):		

K. Memory Information

1	Memory Manufacturer / Brand:		
2	Memory Model Number:		
3	Size per DIMM (GB):		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
4	Number of Installed DIMMs:		
5	Total Installed Memory (GB):	0	0

L. Hard Drive Information

1	Hard Drive Manufacturer / Brand:		
2	Hard Drive Model Number:		
3	Hard Drive Size (GB):		
4	Hard Drive Speed (RPM):		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
5	Number of Installed Hard Drives:		
6	Total Installed Storage Capacity (GB):	0	0

M. I/O Device 1 Information

1	I/O Device Manufacturer / Brand:		
2	I/O Device Model Number:		
3	I/O Device Type:		
4	Rated Link Speed Per Connection (Gbit):		
5	Number of Active Ports:		
6	Onboard or Add-in Device?		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
7	Number of Installed Devices:		

I/O Device 2 Information

1	I/O Device Manufacturer / Brand:		
2	I/O Device Model Number:		
3	I/O Device Type:		
4	Rated Link Speed Per Connection (Gbit):		
5	Number of Active Ports per Device:		
6	Onboard or Add-in Device?		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
7	Number of Installed Devices:		

I/O Device 3 Information

1	I/O Device Manufacturer / Brand:		
2	I/O Device Model Number:		
3	I/O Device Type:		
4	Rated Link Speed Per Connection (Gbit):		
5	Number of Active Ports per Device:		
6	Onboard or Add-in Device?		
		Single or Minimum Configuration	***Maximum Configuration (for Product Families)***
7	Number of Installed Devices:		

Other I/O Devices
If necessary, please explain any additional I/O devices:

N. Other Information

1	Other Installed Hardware:	
2	Other Redundancy Features:	
3	Does Server meet the Data Measurement and Output Requirements in Section 3.D?	
4	Compatible Data Collection Protocols for Power/Temp/Utilization Measurements:	
5	Input Power Measurement Accuracy (e.g., +/- X %, +/- X Watts, etc.):	

O. Power Management and Virtualization

1 Available Power Management (PM) Features:
- ☐ Dynamic voltage and frequency scaling of processor(s)
- ☐ Processor or core reduced power states
- ☐ Power capping
- ☐ Variable speed fan control based on power or thermal readings
- ☐ Low power memory states
- ☐ Low power I/O states

2 Other Available PM Features: _____

3 PM Features Enabled on Shipment:
- ☐ Dynamic voltage and frequency scaling of processor(s)
- ☐ Processor or Core Reduced Power States
- ☐ Power capping
- ☐ Variable speed fan control based on power or thermal readings
- ☐ Low power memory states
- ☐ Low power I/O states

4 Other Enabled PM Features: _____

5 Is unit preloaded with support for virtualization? _____

6 Does product meet the Processor Power Management Requirements as defined in Section 3.B.2 of the specification? [3S and 4S only] _____

7 Is Processor Power Management enabled in the hardware on shipment? [3S and 4S only] _____

P. Test Conditions

1 Operating System Used for Testing: _____

2 Was unit tested in an "as shipped" configuration? _____

3 If no, please explain: _____

Q. Idle Test Results	***Single or Minimum Configuration***	***Maximum Configuration (for Product Families)***
1 Idle Power Limit (Watts):		
Test Results - 230 Volts AC 50 Hz/60 Hz		
2 Frequency used for testing:		
3 Idle Power Measurement (Watts):		
4 Measured Power for both Nodes (Dual-Node only):		
Idle Test Results - 115 Volts AC 60 Hz		
5 Idle Power Measurement (Watts):		
6 Measured Power for both Nodes (Dual-Node only):		
Test Results - 100 Volts AC 50 Hz/60 Hz (optional Japanese voltage conditions)		
7 Frequency used for testing:		
8 Idle Power Measurement (Watts):		
9 Measured Power for both Nodes (Dual-Node only):		
Test Results - +/-53 VDC (DC power)		
10 Voltage used for testing (+/-53 V DC):		
11 Idle Power Measurement (Watts):		
12 Measured Power for both Nodes (Dual-Node only):		

R. Full Load Power

1 Testing Voltage and Frequency:		
2 Method/Benchmark used to determine Full-Load Power:		
3 Benchmark Score at Full Load (If applicable):		
4 Full Load Power (Watts):		
5 Measured Power for both Nodes (Dual-Node only):		

S. Declaration

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By checking this box, I declare that the information submitted via this form is, to the best of my knowledge, accurate and associated with the products included for qualification in this submittal. I understand that the ENERGY STAR Program will associate all data in this submittal with the products listed in this submittal upon receipt. I understand that if any of the submitted information is found to be inaccurate, the products will be removed from the ENERGY STAR qualified products list. I understand that intentionally submitting false information to the U.S. government is a criminal violation of the False Statements Act, Title 18 U.S.C. section 1001.