

Statement of Volatility



Statement of Volatility (SoV) and Clearing Procedures for Lenovo product ThinkSystem SR645

To ensure proprietary data is not released upon the return of a Lenovo product, customer security requirements require that volatile/non-volatile memory is properly documented.

The Statement of Volatility (SoV) must include the following:

- Company/vendor identification
- Specific identification of the device(s)
 - manufacturer, machine type-model number or option number, and EC number
- Indication of ALL memory/storage, to include:
 - ROM, PROM, EPROM, EEPROM, RAM, DRAM, NVRAM, etc.
- When non-volatile memory is present, please indicate:
 - Non-volatile storage technology (NVRAM, NOR flash, NAND flash, etc.) and organization (size)
 - Description of contents
 - Whether or not it is modifiable by the user
 - Method of clearing all memory/storage
- When volatile memory is present, please indicate:
 - Period of powered-down time required to ensure data has decayed
- Removable media and clearing procedures
 - Note:** If clearing is not possible, please state recommended disposition
- Wireless capabilities and method of disabling

Supplier's Technical Representative's Information			
Name:	Title:	Office Phone:	Email:
Vendor Representative's Information			
Name: Roby Zheng	Title: System Lead	Office Phone: +86 15986674550	Email: Zhengchi1@lenovo.com

The information contained on this form shall be considered **Lenovo Proprietary Data** furnished by the item's manufacturer. The data shall be released only to authorized employees or representatives as necessary to accomplish the intended task. The data shall not be disseminated to other vendor/contractor personnel without the express written authorization of the manufacturer.

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Nomenclature: ThinkSystem SR645	Model/Part Number: 7D2X, 7D2Y	Manufacturer: Lenovo		
		Street Address: Lenovo HQ West, Building No.2, No.10 XiBeiWang East Road, Haidian District		
		City: Beijing	State: China	Zip: 100085
Volatile Memory (add rows as necessary)				
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', provide the following information for each type (use additional sheets if required):				
Type (SRAM, DRAM, etc.): DDR4_RDIMM DDR4_3DS RDIMM	Size: 16GB, 32GB, 64GB, 128GB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: System Memory	Process to Clear*: Reset system or remove system power
Type (SRAM, DRAM, etc.): DDR4 SDRAM	Size: 1 GB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: IMM (BMC) Memory	Process to Clear*: Remove system power
Non-Volatile Memory (add rows as necessary)				
Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', provide the following information for each type (use additional sheets if required):				
Type (BBRAM, Flash, EEPROM, etc.) EEROM W25Q256JWFI Q	Size: 32MB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: System BIOS	Process to Clear*: Protected memory. Not Applicable.

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Type (BBRAM, Flash, EEPROM, etc.) EEROM W25Q32JVSSIQ	Size: 4MB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: iMM bootloader uBoot/VPD/iBM C MAC Addresses	Process to Clear*: System VPD/FRU (Part information), BMC Ethernet MAC Address,BMC uBoot Code (Boot Kernal) Protected memory. Not Applicable
Type (BBRAM, Flash, EEPROM, etc.) eMMC MTFC8GAKAJC N-1M WT	Size: 8GB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: System BMC NAND Flash	Process to Clear*: Protected memory. Not Applicable.

***If clearing is not possible, please state recommended disposition**

Media (add rows as necessary)

Does the item contain media storage capability (i.e., disk drives, memory cards, etc.)?

Yes No

If the answer is 'Yes', provide the following information for each type (use additional sheets if required):

Type (Disk, Tape, etc.): SATA/SAS/SSD HDD Removable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Size: Max 16TB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: System storage	Process to Clear*: Format or Scrap by user
Type (Disk, Tape, etc.): Removable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear*:

Wireless Capabilities (add rows as necessary)

Does the item have wireless capabilities installed? (i.e., Blue Tooth, InfraRed)? Yes No

If the answer is 'Yes', provide the following information for each type (use additional sheets if required):

Type Wireless: Removable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Process to Deactivate
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Type Wireless:	Process to Deactivate
Removable: <input type="checkbox"/> Yes <input type="checkbox"/> No	
* If clearing is not possible, please state recommended disposition	

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