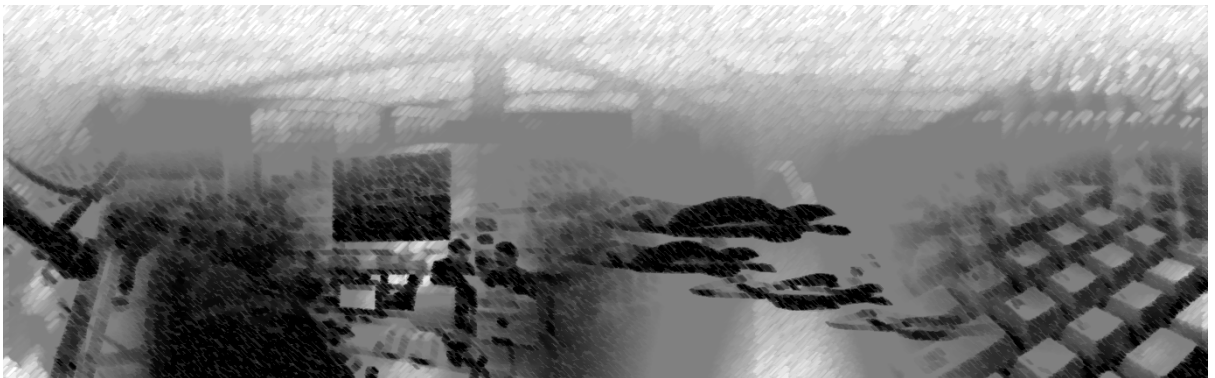# Statement of Volatility

## DXP4 and DXP4-M T2 PCoIP host cards with MXM

### Version 1.2

### 25-February-2016

## DXP4 and DXP4-M T2 PCoIP host cards with MXM

The Amulet Hotkey DXP4 and DXP4-M T2 PCoIP host cards with MXM contain both volatile and non-volatile (NV) components. Volatile components lose their data when there is no power supply to the component. Non-volatile (NV) components retain data when no power supply is present.

## Non-volatile components

The following non-volatile components are present in the DXP4 and DXP4-M T2 PCoIP host cards with MXM.

| Component | Memory function | PCB reference | User access | Data access method |
|---|---|---|---|---|
| **PCoIP processor flash memory** | PCoIP processor boot code, log data, configuration data | U48 | Yes | Accessible by Teradici web interface, or CMI interface |
| **Board Support Micro (BSM) flash memory** | Non-PCoIP micro-controller code | U42 | Yes | Accessible by BSM TCP/IP (this can be disabled) |
| **EEPROM memory** | BSM log files, board configuration | U43 | No | Accessible by BSM only |
| **EEPROM memory** | MXM System Information, structure data | U13 | Yes | Accessible by BSM or MXM |
| **EEPROM memory** | PCIe switch configuration data | U33 | Yes | Accessible by BSM, or by PCIe bus with PC software provided by the PCIe switch manufacturer |
| **MXM flash memory** | MXM configuration data | Specific to manufacturer of MXM module | Yes | Accessible by PCIe bus with PC software provided by the PCIe switch manufacturer |

## Volatile components

The following volatile components are present in the DXP4 and DXP4-M T2 PCoIP host cards with MXM. The data is permanently lost when the DC power is removed from the card for more than **five** seconds.

| Component | Memory function | PCB reference | User access | Data access method |
|---|---|---|---|---|
| RAM | System memory for PCoIP processor, including video data | U16, U47, U45, U10, U3 | Yes | Accessible by normal PCoIP operation |
| Teradici network PHY | Ethernet PHY configuration registers | U22 | No | Accessible by BSM and TERA 2240 processor |
| Teradici PCoIP processor TERA 2240 | PCoIP management | U5 | Yes | Accessible by normal PCoIP operation |
| Network switch | Ethernet switch configuration registers | U24 | No | Accessible by BSM only |
| MXM RAM | System memory for MXM module, including video data | Specific to manufacturer of MXM module | Yes | Accessible by normal PCoIP operation |
| SFP (DXP4-M only) | SFP configuration | SFP | No | Accessible by BSM only |

## Contact us

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