



### APC NetBotz Statement of Volatility (SoV)

The following is a statement of memory volatility for the NetBotz products.

**Applicable model numbers include:**

NBWL0500, NBWL0500N, NBWL0420, NBWL0420E, NBRK0420, NBRK0420E, NBWL0320, NBWL0320E, NBRK0320, NBRK0320E, NBPD0121, NBPD0122, NBPD0123, NBPD0129, NetBotz Last Call

NBRK0570, NBRK0550, NBRK0450, NBRK0250, NBRK0200, AP9340, NBWL0455, NBWL0355, NBPD0170, NBPD0160, NBPD0155, NBPD0150, AP9341, NBWC100U, NBWS100T, NBWS100H

| Memory Type   | Memory Size  | Volatile or Non-Volatile | Retain information when power is turned off? | Alterable in the field? | Battery Backed up? |
|---|--------------|--------------------------|--|-------------------------|--------------------|
| <b>NBWL0500, NBWL0500N, NBWL0420, NBWL0420E, NBRK0420, NBRK0420E, NBWL0320, NBWL0320E, NBRK0320, NBRK0320E (NetBotz Appliances)</b> |              |                          |  |                         |                    |
| SDRAM   | 256Mbits     | Volatile                 | No   | Yes                     | No                 |
| SDRAM   | 256Mbits     | Volatile                 | No   | Yes                     | No                 |
| Flash   | 256Mbits     | Non-Volatile             | Yes  | Yes                     | No                 |
| Serial EEPROM   | 64Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SDRAM   | 256Mbits     | Volatile                 | Yes  | Yes                     | No                 |
| SRAM  | 4Kbytes      | Volatile                 | No   | Yes                     | No                 |
| SRAM  | 4Kbytes      | Volatile                 | No   | Yes                     | No                 |
| **OPTIONAL** Compact Flash Card   | User Defined | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NBPD0121 (Camera Pod)</b>  |              |                          |  |                         |                    |
| Serial EEPROM   | 64Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SDRAM   | 256Mbits     | Volatile                 | No   | Yes                     | No                 |
| SRAM  | 4Kbytes      | Volatile                 | No   | Yes                     | No                 |
| <b>NBPD0122 (Camera Pod)</b>  |              |                          |  |                         |                    |
| SRAM  | 2304bytes    | Volatile                 | No   | Yes                     | No                 |
| Flash   | 16Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NBPD0123 (CCTV Pod)</b>  |              |                          |  |                         |                    |
| SDRAM   | 64Mbit       | Volatile                 | No   | Yes                     | No                 |
| SRAM  | 4Kbytes      | Volatile                 | No   | Yes                     | No                 |
| <b>NBPD0129 (4-20mA Sensor Pod)</b>   |              |                          |  |                         |                    |
| SRAM  | 2304bytes    | Volatile                 | No   | Yes                     | No                 |
| Flash   | 16Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NetBotz Last Call</b>  |              |                          |  |                         |                    |
| Serial EEPROM   | 256Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| Serial EEPROM   | 256Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 368bytes     | Volatile                 | No   | Yes                     | No                 |
| EEPROM  | 256bytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 8Kbytes      | Volatile                 | No   | Yes                     | No                 |

| Memory Type   | Memory Size | Volatile or Non-Volatile | Retain information when power is turned off? | Alterable in the field? | Battery Backed up? |
|---|-------------|--------------------------|--|-------------------------|--------------------|
| <b>NBRK0570, NBRK0550, NBRK0450 (Rack Appliances)</b>                 |             |                          |  |                         |                    |
| Flash   | 64Mbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SDRAM   | 128Mbytes   | Volatile                 | No   | Yes                     | No                 |
| Serial EEPROM   | 16Kbits     | Non-Volatile             | Yes  | Yes                     | No                 |
| Flash   | 96Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328bytes   | Volatile                 | Yes  | Yes                     | No                 |
| EEPROM  | 1Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NBRK0250 (NetBotz Rack Monitor)</b>                                |             |                          |  |                         |                    |
| Flash   | 8 Mbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 1 Mbyte     | Volatile                 | No   | Yes                     | No                 |
| Flash   | 64 Kbyte    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328 Bytes  | Volatile                 | No   | Yes                     | No                 |
| Flash   | 64 Kbyte    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328 Bytes  | Volatile                 | No   | Yes                     | No                 |
| <b>NBRK0200, AP9340 (NetBotz Rack Monitor, Environmental Monitor)</b> |             |                          |  |                         |                    |
| Serial EEPROM   | 16Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| Flash   | 4Mbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 512Kbytes   | Volatile                 | No   | Yes                     | No                 |
| SRAM  | 4Kbytes     | Volatile                 | No   | Yes                     | No                 |
| SRAM  | 128x48bits  | Volatile                 | No   | Yes                     | No                 |
| Flash   | 96Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328bytes   | Volatile                 | Yes  | Yes                     | Yes                |
| EEPROM  | 1Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NBWL0455, NBWL0355 (Wall Appliances)</b>                           |             |                          |  |                         |                    |
| Flash   | 64Mbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SDRAM   | 128Mbytes   | Volatile                 | No   | Yes                     | No                 |
| Serial EEPROM   | 16Kbits     | Non-Volatile             | Yes  | Yes                     | No                 |
| Flash   | 96Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328bytes   | Volatile                 | Yes  | Yes                     | No                 |
| EEPROM  | 1Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| Serial EEPROM   | 8Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 256Kbytes   | Volatile                 | Yes  | Yes                     | No                 |
| SRAM  | 4K words    | Volatile                 | Yes  | Yes                     | No                 |
| <b>NBPD0170 (RA Pod), NBPD0155, NBPD0150, AP9341 (Sensor Pod)</b>     |             |                          |  |                         |                    |
| Serial EEPROM   | 16Kbits     | Non-Volatile             | Yes  | Yes                     | No                 |
| Flash   | 96Kbytes    | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 3328bytes   | Volatile                 | Yes  | Yes                     | No                 |
| EEPROM  | 1Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| <b>NBPD0160 (Camera Pod)</b>  |             |                          |  |                         |                    |
| Serial EEPROM   | 8Kbytes     | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 256Kbytes   | Volatile                 | Yes  | Yes                     | No                 |
| SRAM  | 4K words    | Volatile                 | Yes  | Yes                     | No                 |
| <b>NBWS100T, NBWS100H, NBPD0180 (Wireless Sensors)</b>                |             |                          |  |                         |                    |
| Serial Flash  | 512Kbytes   | Non-Volatile             | Yes  | Yes                     | Yes                |
| FLASH   | 256Kbytes   | Non-Volatile             | Yes  | Yes                     | Yes                |
| SRAM  | 8Kbytes     | Volatile                 | No   | Yes                     | Yes                |
| <b>NBWC100U (Wireless Coordinator)</b>                                |             |                          |  |                         |                    |
| Serial Flash  | 512Kbytes   | Non-Volatile             | Yes  | Yes                     | No                 |
| FLASH   | 256Kbytes   | Non-Volatile             | Yes  | Yes                     | No                 |
| SRAM  | 8Kbytes     | Volatile                 | No   | Yes                     | No                 |