

# Hardware Platform

## NVR160

### Processor

- Intel® Xeon® Processor X3480 Processor + Intel 3450 chipset

### System Memory

- 8GB DDR3 SDRAM

### LAN Interface (PCI-e)

- RJ-45x3: Intel 82574L 10/100/1000 BASE-TX Auto MDI/MDI-X

### USB Interface

- USB 2.0 host port x6(Front x2, Back x4) (A Type)

### LED indicator

- Power: (Blue)
- System busy: (Yellow)
- System alert: Redundant power or system fan failure (Red)
- HDD 1-16 Activity/Fail (Green/Red)

### OLED

- Displays system status and information (Multilingual)

### Disk Interface

- SATA/SAS (x16) via backplane

### SATA Device

- 16x SATA for internal, 2x eSATA for external

### SAS/SATA controller (HBA), PCI-e (8-lane)

- LSI 2008 HBA card supports 6G SAS/SATA (x8)

### Power Supply

- Redundant power supply least 700W or more (80plus)

### PCI-e slots

- 8-lane (x3), One is used by SAS HBA
- 4-lane (x1)

### Thermal/Fan control

- Thermal sensor on processor temperature
- CPU Fan control
- System Fan control

### System fan

- Hot Swappable (x4)

### Buttons

- Power button(Front, power down controlled by S/W)
- LCM button (ENT, ESC, UP, DOWN)
- System reset button
- Locator button

### RS232

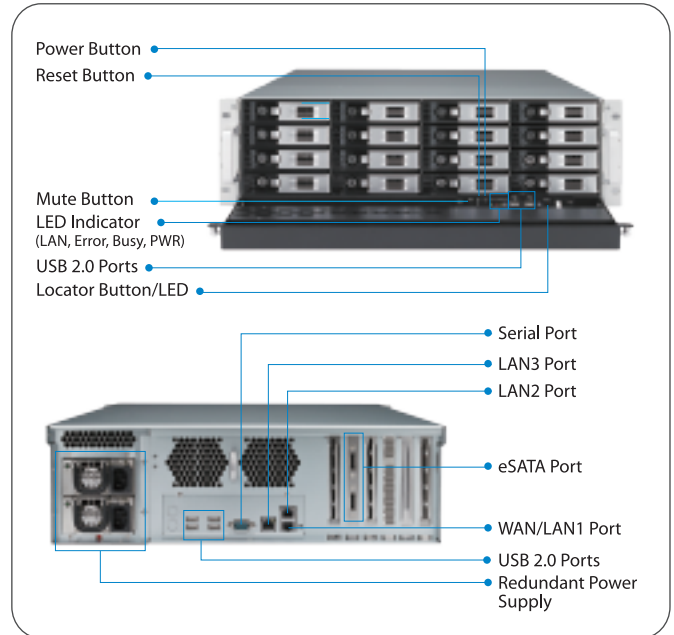
- 1 (For UPS)

### Environment

- Temperature: 5°C to 40 °C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

### Dimension

- 3U Rack Mount



## NVR120

### Processor

- Intel® Xeon® Processor X3470 Processor + Intel 3450 chipset

### System Memory

- 4GB DDR3 SDRAM

### LAN Interface (PCI-e)

- RJ-45x3: Intel 82574L 10/100/1000 BASE-TX Auto MDI/MDI-X

### USB Interface

- USB 2.0 host port x6(Front x2, Back x4) (A Type)

### LED indicator

- Power: (Blue)
- System busy: (Yellow)
- System alert: Redundant power or system fan failure (Red)
- HDD 1-12 Activity/Fail (Green/Red)

### OLED

- Displays system status and information (Multilingual)

### Disk Interface

- SATA/SAS (x12) via backplane

### SATA Device

- 12x SATA for internal, 1x eSATA for external

### SAS/SATA controller (HBA), PCI-e (8-lane)

- LSI 2008 HBA card supports 6G SAS/SATA (x8)

### Power Supply

- Redundant power supply least 700W or more (80plus)

### PCI-e slots

- 8-lane (x3), One is used by SAS HBA
- 4-lane (x1)

### Thermal/Fan control

- Thermal sensor on processor temperature
- CPU Fan control
- System Fan control

### System fan

- Hot Swappable (x4)

### Buttons

- Power button(Front, power down controlled by S/W)
- LCM button (ENT, ESC, UP, DOWN)
- System reset button
- Locator button

### RS232

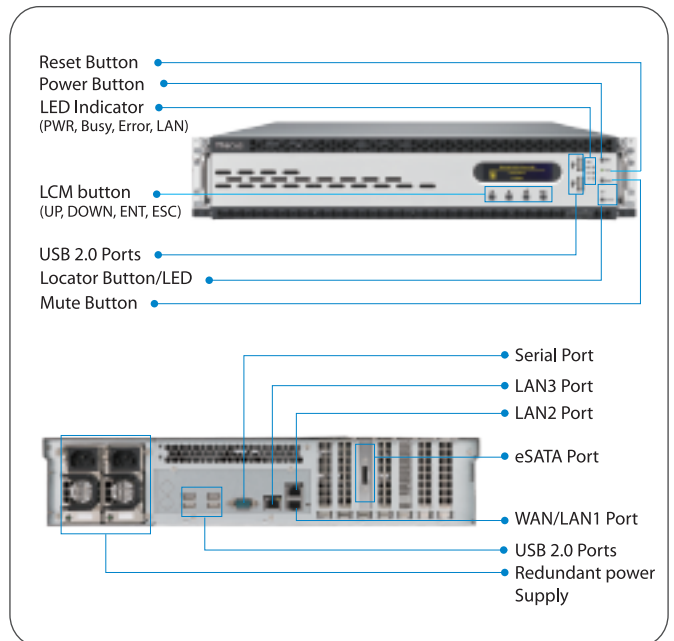
- 1 (For UPS)

### Environment

- Temperature: 5°C to 40 °C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

### Dimension

- 2U Rack Mount



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