

ScanNet™ Central Management System

Specifications

Entry-Level (up to 90 devices)

Operating System

Microsoft® Windows® XP Professional
Microsoft® Windows® Vista Ultimate
Windows 7, 32-bit OS in XP Mode

Processor

Office Class Computer
XP Pro > Single Core 2.5 + Ghz
Vista Ultimate > Dual Core 2.5 Ghz

Memory

1 GB - DDR 333MHz

Storage

80 GB Ultra ATA Hard Drive

DVD

DVD+R

Ports

Parallel Series RS-232 - COM1 & COM2
USB 2.0

Networking

Ethernet - 10/100 Mbps.
(1-2 ports - contingent on the number of
2 way traffic devices).

Graphics

256MB graphics video interface

Monitor

17" .28 dot pitch or less

Mid-Range (up to 150 devices)

Operating System

Microsoft® Windows® XP Professional
Microsoft® Windows® Vista Ultimate
Windows 7, 32-bit OS in XP Mode

Processor

Workstation Class Computer
XP Pro > Single Core 2.5 + Ghz
Vista Ultimate > Dual Core 2.5 Ghz

Memory

2 GB of NEW Dual channel DDR2-533
MHz SDRAM

Storage

200 + GB Raid 5 (or Dual 160GB Serial
ATA w/Raid 0)

DVD

DVD+R

Ports

Parallel Series RS-232 - COM1 & COM2
USB 2.0

Networking

Ethernet - 100 Mbps.
(2-4 ports - contingent on the number of
2 way traffic devices).

Graphics

256MB graphics video interface

Monitor

17" .28 dot pitch or less

High-End (up to 150 devices)

Operating System

Microsoft® Windows® 2003 Server
Windows 7, 32-bit OS in XP Mode

Processor

Server Class Computer
2003 Server > Quad Core 2.5 + Ghz

Memory

4 GB of NEW Dual channel DDR2-533
MHz SDRAM

Storage

200 + GB Raid 5 or Fiber Channel Array

DVD

DVD+R

Ports

Parallel Series RS-232 - COM1 & COM2
USB 2.0

Networking

Ethernet - 100/1000 Mbps.
(2-4 ports - contingent on the number of
2 way traffic devices).

Graphics

512MB graphics video interface

Monitor

19" .28 dot pitch or less

Notes

1. Always use a communication isolator module to prevent damage due to ground loops and/or lightning and keep the communication line's common "floating".
2. Recommendations when using Host-Based Access, Central Credit Card, Multiple Consoles and LPR/LPI Systems: When one or more of the above applications are running in the system, the load at the server increases significantly. For an optimal performance under these circumstances, the following configuration and criteria should be applied:
 - Do not connect readers and fee computers devices in the same NetPort/Communication line. (Auditor PowerPad, Automatic Pay Station, Pay-In-Lane, Automatic Cashier Terminal and ML-3500 are considered fee computer devices).
 - Maximum number of devices per NetPort:
 - a) Maximum of 16 readers per NetPort - if readers are sharing the same communication line with other devices.
 - b) Maximum of 24 readers per NetPort - if readers are the only device type on the communication line.
 - c) Maximum of 24 fee computers per NetPort - if fee computers are the only device type on the communication line. (Auditor PowerPad, Automatic Pay Station, Pay-In-Lane, Automatic Cashier Terminal and ML-3500 are considered fee computer devices).
 - Computer configuration with one or more of the above applications (as described in number 2 Recommendations):
 - a) Entry-Level computer should be used with less than 75 devices.
 - b) Mid-Range computer should be used with less than 130 devices.
 - System with one or more of the above applications and more than 30,000 credentials:
 - a) Mid-Range computer is the minimum requirement and should be used with less than 100 devices.



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