

A **Transend Corporation** White Paper

TRANSEND

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**Performance Guidelines
TA1951**

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Introduction

The following suggestions will help you improve performance. This document applies to all versions of Transend Migrator.

System Recommendations

- Windows XP or Vista with current Service Packs
- Pentium 4, 1.7GHz system or greater
- 512MB RAM or greater (optimized for your Motherboard)
- 50% or more free space on hard drive and enough space for data files
- High performance 10/100/1000 Network PCI/PCIe/SCSI Network Adapter
- Independent Video Card (does not borrow from system RAM).

Network Considerations

- Configure workstations and server to operate under one protocol such as TCP/IP
- Convert on a hard wired (not wireless or VPN) 10/100/1000 LAN segment
- Dedicate a Switched LAN segment to the workstations and servers involved in the conversion

Server and Workstation Considerations

- Turn off screen savers and especially Open-GL screen savers
- Turn off Antivirus software during conversion
- Turn off SPAM filter during conversion
- Turn off unnecessary programs which could impede performance during the conversion.
- Prevent user connections during conversion
- Ensure that the latest service packs for the operating system are current
- Update Network card drivers to the current version
- Update Transend Migrator to the current version
- Update the email application software to the version recommended by the manufacturer
- When it is possible, convert locally and not across the network
- Do not use more than 50% of hard drive capacity
- Defrag the hard drive before conversion. This will increase file/seek access time if the hard drive is fragmented
- Set Windows XP to optimize memory under Windows Advanced Settings
- Transend Migrator places “Temp” files into the system profile temp directory. Change the temp directory to a separate partition other the partition where the swap file resides. Use the /D <directory> switch option to change the temp directory location. See help file for more information.