What would 4x faster[1] performance mean for your business?

Upgrade from HDDs to SSDs for increased productivity

Wouldn't it be great if your employees could do more in less time and save your business money? Switching from hard disk drives (HDDs) to solid state drives (SSDs) could be the easiest way to make that happen.

Features:

Same interface as HDDs for platform continuity & affordability	**200x** better QoS than the fastest HDDs[2]	**10x** more reliable than the fastest HDDs[2]	**5x** better latencies than the fastest HDDs[2]	**3x** more energy efficient for annual savings[2]

Solid State Drives vs. Hard Disk Drives

How can switching improve employee productivity?

Uses	Seagate Barracuda HDD (2TB)	4x Faster[1] Crucial MX500 SSD (2TB)
Published data transfer speeds[3]	Up to 140MB/s	Up to 560MB/s
System boot up	20 seconds	5 seconds
Duplicate a 1GB file	34 seconds	8.5 seconds
Copy a 16GB video file	3 minutes	45 seconds
Run system updates	5 minutes	1 minute, 15 seconds
Install Windows (fast scenario)	15 minutes	3 minutes, 45 seconds
Install Windows (slow scenario)	3 hours	45 minutes
Install large programs/apps	5 hours	1 hour, 15 minutes
Productivity	**Total Unproductive Time**	**Total Unproductive Time**
Waiting on updates or installs (1 employee)	1 hour	15 minutes
Waiting on updates or installs (25 employees)	25 hours	6 hours, 15 minutes
Waiting on updates or installs (40 employees)	40 hours	10 hours
Waiting on updates or installs (750 employees)	750 hours	187 hours, 30 minutes

1. Based on published transfer speeds.
2. Based on public datasheet values for the 1.92TB Micron 5210 SSD (70,000 IOPS random reads, 13,000 IOPS random writes) and SNIA PTSe IOPS industry-standard test results on 2.4TB 10K HDDs since 15K HDDs are no longer broadly available (10K HDD performance rounded up to 400 IOPS for both random reads and writes). Actual performance may vary. Energy efficiency comparison based on datasheet values for active average reads.
3. Data transfer speeds measured in MB/s via SATA 6Gbps for both drives, and taken from published specifications on Crucial.com and Seagate.com.

Enhance your organizational productivity

Upgrading from HDDs to SSDs can increase the pace of everyday operations, breathing new life into your business. Whether installed in laptops or Macs, PCs or workstations, single servers or across your entire data center, SSDs instantly increase performance and responsiveness, without the moving parts that make hard disks fragile, hot and noisy.

Maximize your IT budget

Why buy new? Upgrading from HDDs to SSDs is one of the fastest, easiest, and most affordable IT decisions your business can make.

Take back the time and productivity hard drives are costing your business. Make the switch to Micron SSDs today.

Benefits:

- Spend 3-5x less than the cost of purchasing comparable new devices
- Boot up and load apps faster
- Spend less time waiting on installs and updates
- Increase overall performance for more efficient workflow
- Extend the life cycle of existing hardware

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