



FARSIGHT

# Farsight Processing

Adapted for eDiscovery

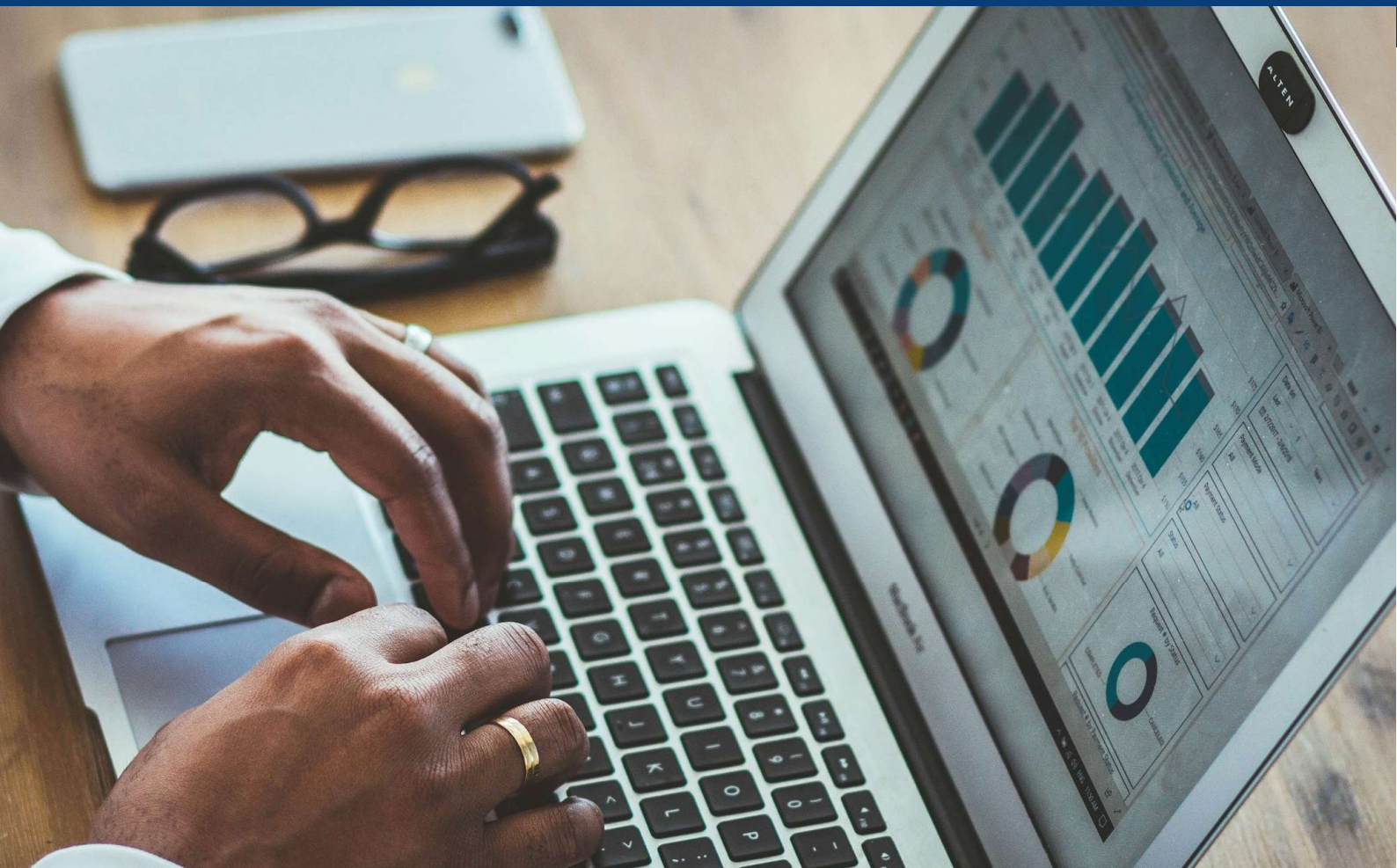
High performance (Over 500 GB / h)

Small Footprint

Install anywhere

<https://farsight.net/farsight>

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# System Requirements

This manual provides guidance on optimizing the performance of the Processing system, focusing on storage, CPU cores, and RAM usage. Following these recommendations ensures efficient and reliable operation.

### Storage

- Use local storage (NVMe or SSD) for best performance.
- Network storage (e.g., NFS, S3) may cause unpredictable performance.

### CPU Cores

No minimum core requirement. No core restrictions. For optimal throughput:

- Process multiple files of similar size.
- Expect reduced throughput with single large files (e.g., large PST).
- Local storage with many similar-sized files enables strong CPU saturation up to 16 cores.

### RAM

Processing is memory-efficient:

- 6-core machine: Up to 4GB RAM.
- Scales linearly with cores (e.g., 12 cores: ~8GB RAM).
- Larger batches increase peak memory use. Maximize batch size within available memory.

### Best Practices

- Use NVMe/SSD, avoid network storage.
- Process multiple similar-sized files for optimal CPU use.
- Allocate ~0.67GB RAM per core; monitor batch sizes.
- Check CPU/memory usage to ensure optimal performance.

### Why Farsight Processing

- **Unrestricted Performance:** No core limitations, unlocking maximum processing power.
- **Lightning-Fast Speed:** Processes 1 TB/hour or more per machine.
- **User-Friendly Design:** Intuitive interface tailored for eDiscovery.
- **Minimal Resource Needs:** Operates efficiently with low system requirements.
- **Versatile Compatibility:** Runs seamlessly on both laptops and servers.

## Supported File Formats

Category	File Extension	Description
Container	RAR	
Container	TAR	
Container	ZIP	
Container	7Z	Split 7Z are supported as well
Document	DOC	Microsoft Office Word 2003
Document	DOCX	Microsoft Office Word 2007+
Document	ODT	OpenDocument Text
Document	PDF	Portable Document Format (including portfolios)
Document	RTF	Rich Text Format
Email	EML	Electronic Mail Format
Email	MSG	Microsoft Outlook Item
Email	PST	Microsoft Outlook 2003+ Personal Folders File (Unicode variant only)
Presentation	ODP	OpenDocument Presentation
Presentation	PPT	Microsoft Office Powerpoint 2003
Presentation	PPTX	Microsoft Office Powerpoint 2007+
Spreadsheet	CSV	Comma Separated Values
Spreadsheet	ODS	OpenDocument Spreadsheet
Spreadsheet	XLS	Microsoft Office Excel 2003
Spreadsheet	XLSX	Microsoft Office Excel 2007+
Text	HTML	HyperText Markup Language
Text	TXT	Plain Text
Text	XML	Extensible Markup Language

# Key Take Aways



### Simplicity

Farsight Processing installs in minutes on any system, from laptops to high-end servers, ensuring a consistent experience regardless of hardware. Its clean, eDiscovery-focused user interface eliminates the complexity of traditional forensic tools, allowing users to focus on results without navigating cumbersome features.



### Requirements

Whether you're using a laptop or a powerful server, Farsight Processing delivers exceptional efficiency, running smoothly with just 4GB of RAM and 6 cores.



### Speed

With its native, in-house developed Rust engine, Farsight Processing achieves previously unthinkable speeds, capable of crunching through 1TB of data in just one hour on a single machine. By leveraging parallel processing and modern hardware, it delivers unmatched throughput for rapid, reliable results.





Visit us at [farsight.net](https://farsight.net) to learn more.