

Ephesoft Transact is available in either Standard - 4 core or High Performance Editions. This document explains the performance differences between these versions.

Transact Standard Edition

All Ephesoft Transact versions, including the Standard Edition, are bundled with all Intelligent Document Capture features out of the box.

Some of these features include:

- Document Classification Methods such as Content, Image Layout, Barcode and Free Form Extraction.
- Document Extraction Methods such as Fixed Form, Zonal ICR, OCR, OMR, Free Form Extraction, Table Line item extraction and Fuzzy DB Matching.
- Document Ingestion methods such as Browser Based scanning, Folder Import, Email import with office attachments
- 100% Browser based user interface for Administration and Operator User interface with no limit on users.

Ephesoft Transact Standard Edition is sold as 4-core license. This means that it can run only on 4-core computers. Please note that the number of cores are calculated based on what the Operating System has recognized (virtual, hyper threaded or physical cores) from the CPU. Ephesoft software is also designed to utilize only up to 3 cores on this sever regardless of the settings to provide 25% utilization for the operating system's functions, database and fast user Interface experience for Operators and Administrators.

In our tests, Ephesoft Transact Standard Edition processed about 20 pages per minute from import to export using mixed mortgage files (high density machine print, legal sized documents).

Transact High Performance Edition

This edition includes all the features that Standard edition includes. The only difference is that High Performance supports servers with more cores such as 8, 12, 16 and 32 core computers. Consequently, 4 different licensing options are available for the High Performance Edition:

- High Performance Edition 8 core
- High Performance Edition 12 core
- High Performance Edition 16 core
- High Performance Edition 32 core

Performance Test Results for High Performance Edition

Ephesoft performed several tests to serve as a guideline for customers and partners. As the test results indicate below, the actual results will depend on the customer image quality (300DPI vs 150DPI), density of machine printed information on the page, page size (letter, legal, A4, A3), CPU speed, number of cores, Hard Drive speed, Network bandwidth, etc.

It is highly recommended to test each individual environment if tight deadlines or narrow margin for speed errors exist. For this reason, Ephesoft has commissioned test systems in its lab for those who want to test and measure the throughput numbers before making a buy decision using their own documents.

The tests below were conducted using following environment:

- Server specs:
- CPU: 2 Intel CPU BX80621E52650 Xeon E5-2650 8Core
- 16Thread 2.0GHz
- Hard Drive: 1TB 7200 RPM
- Ram: 32GB 1600MHz DDR3 ECC

Ephesoft Transact Lab Performance Test on a Mortgage Batch

Processing Scenario	Pages Per Minute	Ephesoft License	24/7 Annual Images	8 Hour Day Annual Images
10x 150 Mortgage images as single page TIFFs	140	EE HP32	73.58M	17.47M
10x 10 Mortgage images as single page TIFFs	188	EE HP32	98.81M	23.46M
20x 450 Mortgage images as single page TIFFs	155	EE HP32	81.47M	19.34M
10x 150 Mortgage images as single page TIFFs	110	EE HP16	57.82M	13.73M
10x 150 Mortgage images as single page TIFFs	95	EE HP12	50.06M	11.89M
10x 150 Mortgage images as single page TIFFs	65	EE HP8	34.16M	8.11M
10x 150 Mortgage images as single page TIFFs	20	EE Standard	10.51.M	2.5M
40x 150 Mortgage images as single page TIFFs	165	HP32	86.72M	20.60M

10x, 40x, etc. means 10, 40 batches imported for the test on the Ephesoft Server.
Recommend 2GB ram per core.

Batch class is designed to import documents in black and white, perform full page OCR and content based classification and separation using 50+ document types, custom scripting, perform extraction using free form extraction rules for 9 fields and export Multi page PDF, TIFF and XML file.

Global Headquarters

Ephesoft, Inc.
23041 Avenida De La Carlota, 100
Laguna Hills, CA 92653
United States
Phone: +1-949-335-5335
Email: info@ephesoft.com

UK/ EMEA Headquarters

Ephesoft UK Ltd.
6-8 Market Place Reading
Berkshire RG1 2EG
United Kingdom
Phone: +44 1183282620
Email: info.eu@ephesoft.com

German Headquarters

Ephesoft GmbH
Tiergartenstr. 11
35619, Braunfels
Germany
Phone: +49 6442 706 5488
Email: info.eu@ephesoft.com

Localized Italia Office

Ephesoft Italia, Srl
Piazza IV Novembre 7
20125 Milan
Italy
Phone: +39 (02) 8088 6345
Email: info.it@ephesoft.com

LEARN MORE

For a demonstration and solution presentation visit Ephesoft.com today.