ApeosWare Management Suite 2 สภาพแวดล้อมการดำเนินการ

Note: Unless otherwise specified for each operating environment, Windows on Arm is not supported.

Operating Environment of Entry Edition

Item	Description
Supported Operating System [*1]	Windows 11 Pro (64bit) [Version 24H2] [*2 *3] Windows 11 Enterprise (64bit) [Version 23H2/24H2] [*2 *3] Windows 11 Education (64bit) [Version 23H2/24H2] [*2 *3] Windows Server 2025 Standard (64bit) [*3 *4 *5] Windows Server 2025 Datacenter (64bit) [*3 *4 *5] Windows Server 2022 Standard (64bit) [*3 *4 *5] Windows Server 2022 Datacenter (64bit) [*3 *4 *5] Windows Server 2019 Standard (64bit) [*3 *4 *5] Windows Server 2019 Datacenter (64bit) [*3 *4 *5] Windows Server 2016 Standard (64bit) [*3 *4 *5] Windows Server 2016 Datacenter (64bit) [*3 *4 *5]
CPU	[Windows Server 2025, Windows Server 2022, Windows Server 2019, Windows Server 2016] Minimum: Intel ® Xeon® Processor E5506 2.13 GHz or equivalent (4 cores and above) [*6] Recommendation: Intel® Xeon® E-2234 Processor 3.60 GHz or equivalent or higher (4 cores and above) [Windows 11] Minimum: Intel ® Core™ 2 Duo Processor 2.0 GHz or equivalent (2 cores and above) [*6] Recommendation: Intel® Core™ i3-10100 Processor 3.60 GHz or equivalent or higher (4 cores and above)
Hard disk capacity [*7] [*8]	[When installing ApeosWare Management Suite 2] System Drive: 20 GB or more Installation Drive: 10 GB or more Data Storage Drive: 70 GB or more [When installing Flow Management Option] System Drive: 15 GB or more Installation Drive: 5 GB or more Data Storage Drive: 30 GB or more [When installing Image Log Management Option] System Drive: 15 GB or more Installation Drive: 5 GB or more Data Storage Drive: 10 GB or more Image Storage Drive: 100 GB or more (4 TB or more is recommended) [*9 *10] Work Spool Drive: 20 GB or more (1 TB or more is recommended) [*9]
Memory Capacity [*11]	Minimum: 4 GB or more Recommendation: 8 GB or more
Network	Protocol: TCP/IP
Display	XGA (1024 x 768 pixels) and above, Full Colour

Item	Description
Web Service	Internet Information Services 10.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.7.2 [*12] Microsoft .NET Framework 3.5 [Service Pack 1] Microsoft SQL Server 2022 Standard (64bit) [*13] Microsoft SQL Server 2022 Express (64bit) [*13] Microsoft SQL Server 2019 Standard (64bit) [*13] Microsoft SQL Server 2019 Express (64bit) [*13] Microsoft SQL Server 2016 Standard (64bit) [Service Pack 3] [*13] Microsoft SQL Server 2016 Express (64bit) [Service Pack 3] [*13]

*1: Installation cannot be performed in the OS where domain controller is running.
Installation cannot be performed in the OS which supports Intel® Itanium® Processors.
If you want to create a PC in a virtual environment, assign the same resources as above "Hardware". Even if you assign the same resources as above "Hardware", you may see performance degradation depending on the operating circumstances of the host PC.

*2: Multi-touch feature is not supported. The operations of features other than "Device Management", "User Management", "Job Log Management", "Accounting Report Creation", "Document Delivery by Flow", "Server Monitoring" are not guaranteed.

*3: For 64-bit versions, some ApeosWare Management Suite 2 processes will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem.

*4: Nano Server Option is not supported. When installing the OS, do not select Nano Server Option.

*5: Server Core Option is not supported. When installing the OS, do not select Server Core Option.

*6: Performance may be degraded when large amounts of data are handled.

*7: If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives.

*8: Capacity is calculated for data of one month (8 hours/day x 20 days). Increase hard disk space or back up some operation logs to a different storage medium as needed.

*9: The required hard disk capacity varies depending on the usage status of the multifunction device or printer, the storage status of the image log, and the usage status of the High Compression feature.

*10: Data (archived data) that has passed the image log retention period also remains on the hard disk. If necessary, secure the capacity that also includes the archived data, or perform operations such as deleting the archived data or moving it to an external media.

*11: 8 GB or more is required if any of the following is used together with Flow Management Option.
- Print Management
- Scan Settings
- Cost Management
When using Image Log Management Option, 12 GB or more is required.

*12: Pre-installed version is supported if compatible newer Microsoft .NET Framework version is pre-installed on supported OS.

*13: There is a limit on the number of sockets and cores that can be used. When creating a PC in a virtualized environment, set the number of cores per socket so that the configuration matches the physical environment's hardware.

Operating Environment of Enterprise Edition

Item	Description
Supported Operating System [*1]	Windows Server 2025 Standard (64bit) [*2] [*3] [*4] Windows Server 2025 Datacenter (64bit) [*2] [*3] [*4] Windows Server 2022 Standard (64bit) [*2] [*3] [*4]

Item	Description
	Windows Server 2022 Datacenter (64bit) [*2 *3 *4]
	Windows Server 2019 Standard (64bit) [*2 *3 *4]
	Windows Server 2019 Datacenter (64bit) [*2 *3 *4]
	Windows Server 2016 Standard (64bit) [*2 *3 *4]
	Windows Server 2016 Datacenter (64bit) [*2 *3 *4]
CPU	Minimum: Intel ® Xeon® Processor E5506 2.13 GHz or equivalent (4 cores and above) [*5]
	Recommendation: Intel® Xeon® E-2234 Processor 3.60 GHz or equivalent or higher (4 cores and above)
Hard disk capacity [*6] [*7]	[When installing ApeosWare Management Suite 2]
	System Drive: 20 GB or more
	Installation Drive: 10 GB or more
	Data Storage Drive: 70 GB or more
	[When installing Flow Management Option]
	System Drive: 15 GB or more
	Installation Drive: 5 GB or more
	Data Storage Drive: 30 GB or more
	[When installing Image Log Management Option]
	System Drive: 15 GB or more
	Installation Drive: 5 GB or more
	Data Storage Drive: 10 GB or more
	Image Storage Drive: 100 GB or more (4 TB or more is recommended) [*8 *9]
	Work Spool Drive: 20 GB or more (1 TB or more is recommended) [*8]
Memory Capacity [*10]	Minimum: 4 GB or more
	Recommendation: 8 GB or more
Network	Protocol: TCP/IP
Display	XGA (1024 x 768 pixels) and above, Full Colour
Web Service	Internet Information Services 10.0
Required hardware	DVD-ROM Drive
Required software	Microsoft .NET Framework 4.7.2 [*11]
	Microsoft .NET Framework 3.5 [Service Pack 1]
	Microsoft SQL Server 2022 Standard (64bit) [*12]
	Microsoft SQL Server 2022 Express (64bit) [*12]
	Microsoft SQL Server 2019 Standard (64bit) [*12]
	Microsoft SQL Server 2019 Express (64bit) [*12]
	Microsoft SQL Server 2016 Standard (64bit) [Service Pack 3] [*12]
	Microsoft SQL Server 2016 Express (64bit) [Service Pack 3] [*12]

*1:   Installation cannot be performed in the OS where domain controller is running.
Installation cannot be performed in the OS which supports Intel® Itanium® Processors.
If you want to create a PC in a virtual environment, assign the same resources as above "Hardware". Even if you assign the same resources as above "Hardware", you may see performance degradation depending on the operating circumstances of the host PC.

*2:   For 64-bit versions, some ApeosWare Management Suite 2 processes will run on WOW64 (Windows 32-bit on

Windows 64-bit) emulation layer subsystem.

*3: Nano Server Option is not supported. When installing the OS, do not select Nano Server Option.

*4: Server Core Option is not supported. When installing the OS, do not select Server Core Option.

*5: Performance may be degraded when large amounts of data are handled.

*6: If the same disk drive is used for multiple drives, the disk space required will be the sum of those drives.

*7: Capacity is calculated for data of one month (8 hours/day x 20 days). Increase hard disk space or back up some operation logs to a different storage medium as needed.

*8: The required hard disk capacity varies depending on the usage status of the multifunction device or printer, the storage status of the image log, and the usage status of the High Compression feature.

*9: Data (archived data) that has passed the image log retention period also remains on the hard disk. If necessary, secure the capacity that also includes the archived data, or perform operations such as deleting the archived data or moving it to an external media.

*10: 8 GB or more is required if any of the following is used together with Flow Management Option.
- Print Management
- Scan Settings
- Cost Management
When using Image Log Management Option, 12 GB or more is required.

*11: Pre-installed version is supported if compatible newer Microsoft .NET Framework version is pre-installed on supported OS.

*12: There is a limit on the number of sockets and cores that can be used. When creating a PC in a virtualized environment, set the number of cores per socket so that the configuration matches the physical environment's hardware.

Operating Environment of Web Client

Item	Description
Supported Operating System	Windows 11 Home (64bit) [Version 24H2/25H2] [*1] Windows 11 Pro (64bit) [Version 24H2/25H2] Windows 11 Pro (Arm64) [Version 24H2] [*1] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] Windows 11 Enterprise (Arm64) [Version 24H2] [*1] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] Windows 11 Education (Arm64) [Version 24H2] [*1] Windows Server 2025 Standard (64bit) Windows Server 2025 Datacenter (64bit) Windows Server 2022 Standard (64bit) Windows Server 2022 Datacenter (64bit) Windows Server 2019 Standard (64bit) Windows Server 2019 Datacenter (64bit) Windows Server 2016 Standard (64bit) Windows Server 2016 Datacenter (64bit) macOS 26 Tahoe [*1] macOS 15 Sequoia [*1] macOS 14 Sonoma [*1] macOS 13 Ventura [*1] macOS 12 Monterey
Network	Protocol: TCP/IP
Web Browser [*2] [*3]	Microsoft Edge

Item	Description
	Internet Explorer 11 Mozilla Firefox Google Chrome™ Safari *4

*1:   Administrator Portal is not supported.

*2:   Please enable JavaScript™ and ActiveX Control.

*3:   Use a web browser supported by your OS.

*4:   For macOS.

Operating Environment of Print Client (Microsoft Windows PC)

Item	Description
Supported Operating System	Windows 11 Home (64bit) [Version 24H2/25H2] Windows 11 Home (Arm64) [Version 24H2] Windows 11 Pro (64bit) [Version 24H2/25H2] Windows 11 Pro (Arm64) [Version 24H2] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] Windows 11 Enterprise (Arm64) [Version 24H2] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] Windows 11 Education (Arm64) [Version 24H2] Windows Server 2025 Standard (64bit) Windows Server 2025 Datacenter (64bit) Windows Server 2022 Standard (64bit) Windows Server 2022 Datacenter (64bit) Windows Server 2019 Standard (64bit) Windows Server 2019 Datacenter (64bit) Windows Server 2016 Standard (64bit) Windows Server 2016 Datacenter (64bit)
Network	Protocol: TCP/IP

Operating Environment of Print Client (Linux)

Item	Description
Supported Operating System	Red Hat® Enterprise Linux® 9 Ubuntu® 22.04 LTS
Network	Protocol: TCP/IP

Operating Environment of Print Client (Mac OS)

Item	Description
Supported Operating System	macOS 26 Tahoe macOS 15 Sequoia macOS 14 Sonoma

Item	Description
	macOS 13 Ventura macOS 12 Monterey
Network	Protocol: TCP/IP

Operating Environment of Print Client (iOS)

Item	Description
Supported Operating System	iOS 26 iOS 18 iPadOS 26 iPadOS 18

Operating Environment of Print Client (ChromeOS)

Item	Description
Supported Operating System	ChromeOS
Network	Protocol: TCP/IP

Operating Environment of Print Client (Print Utility for iOS)

Item	Description
Required software	Print Utility for iOS 3.0 - 3.1 Print Utility for iOS 1.2 - 2.5

Operating Environment of Print Client (Print Utility for Android)

Item	Description
Required software	Print Utility for Android 3.0 - 3.1 Print Utility for Android 1.3 - 2.5

Operating Environment of user information self-registration feature (PC environment)

Item	Description
Web Browser [1]	Microsoft Edge (IE mode) Internet Explorer 11 [2]
Required hardware	[Smart Card Reader [3]] - PaSoRi RC-S300/S1 - PaSoRi RC-S380/S

Note: The same operating environment as the Web Client is required for supported operating systems and networks.

*1: Use a web browser supported by your OS.

*2: Only 32-bit Web browsers are supported.

*3: You must install FeliCa port software for the above smart card readers.

Operating Environment of user information self-registration feature (Device environment)

Item	Description
Required hardware	Card reader supported by the connected device

Operating Environment of ApeosWare MS Mobile 2 (iOS)

Item	Description
Supported Operating System	iOS 26 iOS 18 iPadOS 26 iPadOS 18
Screen resolution	1136 x 640 pixels and above
Screen Size	4.0 inches or more
Storage space	1 GB or larger (Free disk space available for users)

Operating Environment of ApeosWare MS Mobile 2 (Android™)

Item	Description
Supported Operating System	Android™ 16 Android™ 15 Android™ 14
Processor	ARM compatible processor
Screen resolution	1280 x 720 pixels and above
Screen Size	4.5 inches or more
Storage space	1 GB or larger (Free disk space available for users)

Operating Environment of Device Setup

Item	Description
Supported Operating System	Windows 11 Pro (64bit) [Version 24H2/25H2] [*1] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] [*1] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] [*1] Windows Server 2025 Standard (64bit) [*1] Windows Server 2022 Standard (64bit) [*1] Windows Server 2019 Standard (64bit) [*1] Windows Server 2019 Datacenter (64bit) [*1] Windows Server 2016 Standard (64bit) [*1]
CPU	An x86 compatible CPU machine with Pentium® III 450 MHz or equivalent or higher
Hard disk capacity [*2]	200 MB or more free space
Memory Capacity	256 MB or larger

Item	Description
Display	SVGA (800 x 600 pixels) and above (1024 x 768 pixels and above is recommended)
Web Browser	Internet Explorer 11
Required hardware	Network interface DVD-ROM Drive
Device Setup Input Tool [*3]	Microsoft Excel 2024 (32bit) Microsoft Excel 2024 (64bit) Microsoft Excel LTSC 2024 (32bit) Microsoft Excel LTSC 2024 (64bit) Microsoft Excel 2021 (32bit) Microsoft Excel 2021 (64bit) Supported Services: Address Book, Access Permissions, Mailbox, Job Flow Sheet, Address, Recipient Group

Note: For 64-bit versions, Device Setup software will run on WOW64 (Windows 32-bit on Windows 64-bit) emulation layer subsystem.

Note: You must install all patches provided by Microsoft with the following severity levels.
- Critical
- Important

Note: When upgrading Windows OS, please uninstall Device Setup beforehand. Then install Device Setup after upgrading.

*1: IPv6 address can be used for searching device, and communicating with device.

*2: 100 MB and above during operation, 200 MB and above during installation.

*3: Does not work with Excel for Microsoft 365.

Operating Environment of Job Log Analyzer

Item	Description	
	Job Log Analyzer 64-bit	Job Log Analyzer 32-bit
Supported Operating System	Windows 11 Pro (64bit) [Version 24H2/25H2] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] Windows Server 2025 Standard (64bit) Windows Server 2025 Datacenter (64bit) Windows Server 2022 Standard (64bit) Windows Server 2022 Datacenter (64bit) Windows Server 2019 Standard (64bit) Windows Server 2019 Datacenter (64bit)	Windows 11 Pro (64bit) [Version 24H2/25H2] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] Windows Server 2025 Standard (64bit) Windows Server 2025 Datacenter (64bit) Windows Server 2022 Standard (64bit) Windows Server 2022 Datacenter (64bit) Windows Server 2019 Standard (64bit) Windows Server 2019 Datacenter (64bit) Windows Server 2016 Standard (64bit)
CPU	Pentium® III 1 GHz or equivalent or higher	
Hard disk capacity	4 GB or more free space	

Item	Description	
	Job Log Analyzer 64-bit	Job Log Analyzer 32-bit
Memory Capacity	256 MB or larger	
Display	XGA (1024 x 768 pixels) and above	
Required hardware	DVD-ROM Drive	
Required software	Microsoft Excel (64bit) [*1] [*2] [*3] [*4]	Microsoft Excel (32bit) [*1] [*2] [*3] [*4]

Note: To custom install Microsoft Excel, Microsoft Visual Basic for Applications must be installed.

*1: The Job Log Analyzer supports different versions of Microsoft Excel depending on the Excel type. Please check the following site for version information.
>> ApeosWare Management Suite 2 How To, FAQ & Answers
Please be aware that if you run Job Log Analyzer on Microsoft Excel versions other than those listed in the above support information, aggregation operations may not function correctly, or the aggregated results may be incorrect.

*2: Only in Compatibility Mode.

*3: Operation is guaranteed for the same language version of Microsoft Excel on each language version of operating system.

*4: Does not work with Excel of Microsoft Store and Microsoft Excel for the web.

Operating Environment of Popup Messenger

Item	Description
Supported Operating System	Windows 11 Home (64bit) [Version 24H2/25H2] Windows 11 Home (Arm64) [Version 24H2] Windows 11 Pro (64bit) [Version 24H2/25H2] Windows 11 Pro (Arm64) [Version 24H2] Windows 11 Enterprise (64bit) [Version 23H2/24H2/25H2] Windows 11 Enterprise (Arm64) [Version 24H2] Windows 11 Education (64bit) [Version 23H2/24H2/25H2] Windows 11 Education (Arm64) [Version 24H2] Windows Server 2025 Standard (64bit) Windows Server 2025 Datacenter (64bit) Windows Server 2022 Standard (64bit) Windows Server 2022 Datacenter (64bit) Windows Server 2019 Standard (64bit) Windows Server 2019 Datacenter (64bit) Windows Server 2016 Standard (64bit) Windows Server 2016 Datacenter (64bit) macOS 26 Tahoe [*1] macOS 15 Sequoia [*2] macOS 14 Sonoma [*3] macOS 13 Ventura [*3] macOS 12 Monterey [*4] Red Hat® Enterprise Linux® 9 Ubuntu® 22.04 LTS

Item	Description
Required hardware	Conforms to the operational conditions of the OS

*1: Popup Messenger version 2.2.3.9 or later is required.
ApeosWare Management Suite version 2.2.3.9 or later is required.

*2: Popup Messenger version 2.2.3 or later is required.
ApeosWare Management Suite 2 version 2.2.3.5 or later is required.

*3: Popup Messenger version 2.2.2 or later is required.

*4: Popup Messenger version 2.1.4.1 or later is required.

Document management service available to link with ApeosWare Management Suite 2

Item	Description
Document Management Service	• Windows Shared Folder (SMB 2.0 or later) • FTP Server • Xerox DocuShare 7.6 / 7.7 [*1] [*2] • Xerox DocuShare CPX 7.6 / 7.7 [*1] [*2] • Xerox DocuShare Express 7.6 / 7.7 [*1] [*2] • Microsoft SharePoint Standard 2016 / 2019 [*3] • Microsoft SharePoint Enterprise 2016 / 2019 [*3] • Salesforce ® Sales Cloud (Categories: Merchant / Opportunity / Library / Document) [*1] [*4] [*5] • Google Drive™ • OneDrive for Business [*1] • Microsoft SharePoint Online [*1] • ABBYY ® FlexiCapture® 12 Distributed [*1] [*4] • ABBYY ® FlexiCapture® 12 for Invoices Distributed [*1] [*4]

*1: Optional.

*2: Install 1.0 or later when linking with Xerox DocuShare 7.6.

*3: The sale of options has ended.

*4: Products for sale may differ according to country or region. For more information, please contact the FUJIFILM Business Innovation office or authorized dealers in each country/region.

*5: WebAPI option will be required according to Sales Cloud edition.