Version 2.2

FaxCore EV6 Server Requirements for

Windows Server 2019, 2022 and 2025

FaxCore EV6 Server minimum system requirements for up to 24 ports

Hardware

- CPU: 2.8 GHz 64-bit processor (4 or more CPU cores)
    - Supports NX and DEP
    - Supports CMPXCHG16b, LAHF/SAHF, and PrefetchW
    - Supports Second Level Address Translation (EPT or NPT)

○   Example Processor: Intel Xeon E5-2620 or a more advanced

processor that surpasses these minimum requirements.

- Memory: 16+ GB RAM for 2 ports, an additional 2 GB for every additional 2

  ports

- Disk Space: 100GB available disk space

  (additional disk space will be required for storing fax messages)

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 least one of the following must be present:

 For PSTN:

- Dialogic Brooktrout TR1034 Series Fax Board

- Dialogic Diva analog fax board

 For Fax Over IP:

- Dialogic Brooktrout SR-140 – supports both T.38 and G.711

- XCAPI drivers – supports both T.38 and G.711

- etherFax Account

Operating System Platform

- Bare metal Windows Server 2019, 2022 or 2025
- VMware or Hyper-V Virtual Machine with Windows Server 2019, 2022, or 2025.

Database System Platform (Faxcore will install)

- SQL 2017 Express Edition (Default) or above and Microsoft .net 4.8.

Operating System – Configuration Recommendation

- Fresh installation (not an OS upgrade)
- Static or DHCP reserved IP address
- We prefer that the FaxCore server is not joined to the Domain ***until after*** the installation is completed. If it is joined to the Domain, then **NO GPOs are applied *until after*** the installation is completed.
- Prefer that FaxCore is on a standalone server, no other software loaded on the server.
- The FaxCore directory, and all sub directories, must be excluded from any virus scan, or heuristic analysis software's monitoring.

Additional configuration requirements

Required Role
Web Server (IIS)
Required Features

- .NET Framework 3.5 Features:
  - .NET Framework 3.5 (Includes .NET 2.0 and 3.0)
  - HTTP Activation
  - Non-HTTP Activation
- .NET Framework 4.8 Features:
  - .NET Framework 4.8
  - WCF Services:
    - HTTP Activation
    - TCP Port Sharing
- SMTP Server
- Windows Process Activation Service (WPAS):
  - Process Model
  - .NET Environment 3.5
  - Configuration APIs
- Telnet Client
- Remote Server Administration Tools:
  - Feature Administration Tools
  - SMTP Server Tools

Required Role Services for Web Server (IIS):

- Common HTTP Features:
  - Default Document
  - Directory Browsing
  - HTTP Errors
  - Static Content
- Health and Diagnostics:
  - HTTP Logging
  - ODBC Logging
- Performance:
  - Static Content Compression
- Security:
  - Request Filtering
  - Basic Authentication
  - Windows Authentication
- Management Tools:

- o   IIS Management Console
- IIS 6 Management Compatibility:
  - o   IIS 6 Metabase Compatibility
  - o   IIS 6 Management Console
  - o   IIS Management Scripts and Tools