

The recommended parameters for installation of Aktion.NEXT system



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- Recommended minimum server parameters (DB/Application): 4×CPU, 16 GB RAM, 480 GB HDD, Windows Server 2022 64bit and higher
- Ability to run in a VMware and Hyper-V virtualized environment
- Windows Server with .NET Framework 4.8 or higher installed
- Installation size:
 - Attendance installation size: 450 MB, DB server MS-SQL: 250 MB
 - Expected data growth for 50 persons and 1–4 terminals: approx. 50 MB/month
 - Expected data growth for 500 persons and 5–10 terminals: approx. 200 MB/month
- Recommended minimum client parameters: 8 GB RAM, Windows 11
- Database server: MS-SQL 2025 (the free version SQL Server Express with a 50 GB per database is supplied as standard). For Aktion.NEXT 4.0 and later, the minimum supported version is MS-SQL 2012. Earlier Express editions (prior to 2025) have a limit 10 GB per database.
- The application server and clients are programmed in .NET 4.8 environment
- The application server runs as a Windows Service
- The client's communication with the application server runs via .NET Remoting, TCP channel
- The application server communication and DB server runs via ADO.NET
- The web client for data management and evaluation and Workflow, supported internet browsers: Edge, Chrome, Mozilla Firefox, Opera (actual version)
- Recommendation of building up the own V-LAN for connection of time attendance terminals and access controllers

The communication diagram of Aktion.NEXT

nodes, etc.)

Server user

- AD user or local admin user is required to install Aktion (installation, stopping services, IIS configuration)
- Required right to install applications
- preferably the same as the DB user (in case of Windows authentication to DB)

Remote access to the server

- VPN and RDP, TeamViewer, other
- Permanent access or on demand
- for installation and implementation, service and update, support

It is recommended to perform regular backups of the Aktion database.