



GoPrint System Requirements – Updated 5/1/2018

Recommended minimum memory is 1 GB Ram per component, and mandatory minimum is 512MB per component. In both cases, add the operating system minimum requirement to the result. In other words, a server running GTX + Agent should have 512MB of memory plus memory for the operating system.

The following recommended hardware requirements may be applied to **virtual server** environment with the recommendation of Intel chips and 2 GB of memory for the GTX and additional 2 GB for the Agent/print server for a total of 4 GB.

Disk Space:

print spooler: 65 gigabyte

Database: 20 gigabyte

Bandwidth

GTX/ Database: 1GB Ethernet connection.

Remote Print Agents and workstations: 100MB Ethernet connection is sufficient.

Failover

Raid 1 mirror is preferred to a single drive setup.

Recommend at least 2 cpu cores either a single dual core or two single core cpu setup.

x64 based OS preferred.

Raid 10 drive configuration is preferred to a Raid 1 mirror or single drive setup.

Recommend at least 4 cpu cores either a single quad core or two dual core cpu setup.

x64 based OS preferred.

Required Ports:

GTX and Agent communication: 7768 and 7769

PayStation to GTX communication: 7767 and 7770

Web Client to GTX communication: 7773 (secure) 7768 (non-secure)

Computer Name Resolution:

GTX needs to resolve computer names to IP addresses. For web client popup and PayStation proper name resolution must be present (NetBIOS, or DNS, or WINS) from the client machines.



Licensing

- Licensing can be an enterprise-wide site license or licensed per component (agent, web client, release stations).
- Unlimited users. Have as many as you want.
- As many vending devices
- As many printers as you like

Printers: Almost all major laser and wide-format printers/MFDs/plotters (check with support to ensure compatibility).

Print Drivers: Make sure all manufacture type 3 print drivers are installed and print queues created and Shared prior to installation. Do not use the built-in Windows Class Drivers.

User Directory Services

- Active Directory (native integration including nested groups and OUs)
- Apple OpenDirector
- LDAP
- OpenLDAP

Security & Encryption

- SSL encryption used for sensitive client-server communications
- Option to install a signed SSL certificate

Database Platform:

The recommended default database platform is PostgreSQL(Free). MS SQL Server/Express and Oracle platforms also supported environments.

Web Client native executables are available for:

Windows 10, Mac OS X 10 or higher. The web client is not supported on Linux workstations. The browser-only version of the Web Client should be used then.



LARGE INSTALLATION

A large installation is defined as one with:

- 100 plus printers
- 50,000 to 80,000 full-time equivalent students
- 500 to 2,500 Client PC's

GoPrint Server Specifications

Installed GoPrint components include the GTX and Agent services or the Agent and GTX installed separately on standalone servers.

- 4 CPU's (based on 100 printers and 20,000 or more users)
- Minimum 4 GB RAM. 6 or more recommended
- 120 GB disk space
- Windows Server 2016/2012, most Linux (x64), Redhat/CentOS certified, Apple OS X 10.11 (El Capitan) or higher
- PostgreSQL 9, Oracle 11.2i or higher, MS SQL Server/Express 2017/2016/2012
- Windows printing, CUPS, LPRng

GoPrint Print Release Station Specifications

- Windows 10/7, (64 bit) Most modern Linux distributions. Redhat/Centos certified.
- Recommended minimum 3 GB RAM and 1 GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.

MEDIUM INSALLATION

A medium-sized installation is defined as one with:

- 20 to 100 printers
- 10,000 to 50,000 full-time equivalent students
- 300 to 500 Client PCs



GoPrint Server Specifications

- 4 CPU's (based on 100 printers and 20,000 or more users)
- Minimum 4 GB RAM
- 120 GB disk space
- Windows Server 2016/2012, most Linux (x64), Redhat/CentOS certified, Apple OS X 10.11 (El Capitan) or higher
- PostgreSQL 9, Oracle 11.2i or higher, MS SQL Server/Express 2017/2016/2012
- Windows printing, CUPS, LPRng

GoPrint Print Release Station Specifications

- Minimum Pentium IV™ CPU 2Ghz or better, or equivalent non-Intel chip
- Windows 10/7, Most Linux (x64), Redhat/CentOS certified
- Recommended minimum 3 GB RAM and 1 GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.
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SMALL INSTALLATION

A small installation is defined as one with:

- 20 or fewer printers
- Fewer than 10,000 full-time equivalent students
- Fewer than 300 PCs

GoPrint Server Specifications

- 2 CPU's
- 4 GB RAM minimum
- 80 GB disk space
- Windows Server 2016/2012, most Linux (x64), Redhat/CentOS certified, Apple OS X 10.11 (El Capitan) or higher
- PostgreSQL 9, Oracle 11.2i or higher, MS SQL Server/Express 2017/2016/2012
- Windows printing, CUPS, LPRng



GoPrint Print Release Station Specifications

- Windows 10/7, Linux, Mac OS X
- Recommended minimum 3 GB Ram and 1GB initial hard drive space for component plus Processor, RAM and disk space as required by the operating system.

COMBO SERVER (Optional small environment: library or café)

Combines all GoPrint components on the same machine. System performs as a print server, database server, and Print Release Station.

- 5 or fewer printers
- Fewer than 2,000 full-time equivalent students
- Fewer than 100 PCs

Combination Server (Combo Server, Print server) Specifications

- 1 CPU
- 2 GB RAM minimum
- 50 GB disk space - Dual hard drives with RAID-1 mirroring enabled.
- Windows Server 2016/2012/, Windows 10/7 (4 most Linux (x64), Redhat/CentOS certified, Apple OS X 10.11 (El Capitan) or higher
- PostgreSQL 9 (Free), MS SQL Server/Express 2017/2016/2012
- Windows printing