

# System requirements

The Quark Publishing Platform system requirements listed below are baseline requirements, but your number of users, number of assets, and number of asset revisions affect system performance. The requirements with an asterisk are affected by these variables. See "[Suggested hardware configurations](#)" for guidance considering these variables. RAM requirements do not include other third-party application requirements on the computer, so factor accordingly. Also, the requirements for QuarkXPress Server, QuarkXPress, and QuarkCopyDesk are not listed below. See the ReadMe files for these applications for system requirements (stored in the "Documents" folder at the root level of the application folder).

- ➔ The operating system requirements listed in this document include the most current patches and service packs.
- ➔ Quark Publishing Platform is certified on VMWare ESXi. QuarkXPress Server is certified on VMWare ESXi only as part of Quark Publishing Platform.
- ➔ Quark Publishing Platform works with Citrix Presentation Server 4.5 and Citrix XenApp 5.0.
- ➔ Quark Publishing Platform Server is compatible with Mac OS, but running it on Mac OS is not recommended.

## Web containers

Quark Publishing Platform Server can run in the following Web containers:

- Apache Tomcat (embedded or external) 7.0.29
- Oracle WebLogic 12.1
- IBM WebSphere 7.1 or 8.5

## SYSTEM REQUIREMENTS

### Quark Publishing Platform Server: Mac OS

#### Hardware

- 4GB total RAM (Quark recommends allocating at least 50% of the total RAM available to the Quark Publishing Platform Server.)\*
- 1GB hard disk space\*
- TCP/IP network (Gigabit Ethernet recommended)

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

#### Software

- Mac OS X Server 10.6.2, 10.7.x, or 10.8.2 (not recommended for production environments)
- Java™ Development Kit (JDK™) 1.6
- XQuartz (<http://xquartz.macosforge.org/landing/>) if you are running Mac OS X 10.8.2
- Quark License Administrator (QLA) 4.5 (required for Quark Publishing Platform Server and QuarkXPress Server)
- QuarkXPress Server (QuarkXPress Server is required for Quark Publishing Platform Server. Quark recommends improving performance by installing and running QuarkXPress Server on a different computer from the computer on which you install and run your Quark Publishing Platform Server.)

#### Supported platforms\*

- Intel processor (recommended)
- Intel® Xserve computer running Mac OS X Server software
- Microsoft Hyper-V 2012
- Mac Pro running Mac OS X Server software

### Quark Publishing Platform Server: Windows

#### Hardware

- 4GB total RAM (Quark recommends allocating as much RAM as possible for Quark Publishing Platform Server. However, you cannot allocate more than approximately 1.6GB on Windows®.)\*
- 1GB hard disk space\*
- TCP/IP network (Gigabit Ethernet recommended)

- ➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

### Software

- Windows Server 2008 R2, 64-bit
- Windows Server 2003 SP3, 64-bit (not recommended for production environments)
- .NET Framework 3.5 SP1
- Java Development Kit (JDK) 1.6
- Quark License Administrator (QLA) 4.5 (required for Quark Publishing Platform Server and QuarkXPress Server)
- QuarkXPress Server (QuarkXPress Server is required for Quark Publishing Platform Server. Quark recommends improving performance by installing and running QuarkXPress Server on a different computer from the computer on which you install and run your Quark Publishing Platform Server.)

### Supported platforms\*

- Servers based on multi-core Xeon® processors
- Intel® Core™ 2 Duo
- VMware ESXi (virtualization platform)

### Quark Publishing Platform Database\*

- HSQL DB 1.8 in embedded mode (The Quark Publishing Platform Server installer installs this database in embedded mode if you choose HSQL DB during installation. This database is recommended only for development, and is not recommended for production environments.)
  - Microsoft SQL Server 2008 R2 (Standard Edition or Enterprise Edition) or Microsoft SQL Server 2012 (Standard Edition or Enterprise Edition)
  - Oracle Database 11gR2 on Red Hat Enterprise Linux 5 or Microsoft Windows Server 2003 or Microsoft Windows Server 2008
- ➔ If you plan to use a Microsoft SQL Server database, you must first install Microsoft SQL Server. If you plan to use an Oracle database on Windows, you must first install Oracle. Then run the "Quark Publishing Platform Server.exe" installer on Windows, click **Install QPP Database**, and follow instructions on the screen to create Quark Publishing Platform schema in your Microsoft SQL Server database or Oracle database.

## SYSTEM REQUIREMENTS

### Quark Publishing Platform File Server: Mac OS

#### Hardware options

- 2GB total RAM\*
- 5GB–150GB hard disk space (depending on number of assets)\*
- TCP/IP network (Gigabit Ethernet recommended)

➡ Quark does not recommend using low-end desktop computers and laptops as server computers.

#### Software

- Mac OS X Server 10.4.11, 10.5.8, 10.6.2, 10.7.x, 10.8.x
- Mac OS X 10.4.11, 10.5.8, 10.6.2, 10.7.x, 10.8.x

#### Supported platforms\*

- Intel processor (recommended)
- Intel® Xserve computer running Mac OS X Server software
- G5 PowerPC® processor (supported, but not recommended)
- G5 Xserve® running Mac OS X Server software (supported, but not recommended)
- Mac Pro running Mac OS X Server software

➡ You can use a separate computer as your Quark Publishing Platform File Server, but Quark recommends installing and running your Quark Publishing Platform Server on the same computer as your Quark Publishing Platform File Server because it optimizes read/write operations. If you combine your Quark Publishing Platform Server and Quark Publishing Platform File Server on the same computer, add the 1GB estimate for Quark Publishing Platform Server files to the 5GB–150GB required for your Quark Publishing Platform File Server.

### Quark Publishing Platform File Server: Windows

#### Hardware

- 2GB total RAM\*
- 5GB–150GB hard disk space (depending on number of assets)\*
- TCP/IP network (Gigabit Ethernet recommended)

➡ Quark does not recommend using low-end desktop computers and laptops as server computers.

### Software

- Microsoft Windows Server 2003 SP3 64-bit (Standard Edition or Enterprise Edition) (not recommended for production environments)
- Microsoft Windows Server 2008 r2 64-bit (Standard Edition or Enterprise Edition)

### Supported platforms\*

- Intel vPro™ technology and Intel Core 2 Duo running Windows 2003 Server SP2, Standard Edition or Enterprise Edition (recommended)
- Single processor Intel® Pentium® 4/Pentium D/Dual-processor Xeon running Windows 2003 Server SP2, Standard Edition or Enterprise Edition

➔ You can use a separate computer as your Quark Publishing Platform File Server, but Quark recommends installing and running your Quark Publishing Platform Server on the same computer as your Quark Publishing Platform File Server because it optimizes read/write operations. If you combine your Quark Publishing Platform Server and Quark Publishing Platform File Server on the same computer, add the 1GB estimate for Quark Publishing Platform Server files to the 5GB–150GB required for your Quark Publishing Platform File Server.

### Quark Publishing Platform File Server: Solaris

#### Hardware

- SPARC™-based or x64/x86-based system
- 2GB total RAM
- 5GB–150GB hard disk space (depending on the number of assets)\*

➔ Quark does not recommend using low-end desktop computers and laptops as server computers.

#### Software

- Sun™ Solaris™ 8 or later

### Quark Publishing Platform Client: Mac OS

#### Hardware

- 1GB total RAM\* (2GB recommended)
- 2GB hard disk space for program files and enough hard disk space to store checked-out assets\*

## SYSTEM REQUIREMENTS

- 32-bit or 64-bit
- TCP/IP network

### Software

- Mac OS 10.6.8, 10.7.x, or 10.8.x

### Supported platforms\*

- iMac with Intel Core Duo or Intel Core 2 Duo processor
- MacBook or MacBook Pro with Intel Core Duo or Intel Core 2 Duo processor running Mac OS X client software
- Mac Pro running Mac OS X client software
- Mac mini with Intel Core Duo or Intel Core 2 Duo processor

## Quark Publishing Platform Client: Windows

### Hardware

- 1GB total RAM\* (2GB recommended)
- 1GB hard disk space for program files and enough hard disk space to store checked-out assets\*
- 32-bit or 64-bit (Windows 7 only)

### Software

- Microsoft Windows XP SP2 (Professional Edition) or Windows 7 SP1 (Business or Ultimate Edition)
- .NET Framework 3.5 SP1

### Supported platforms\*

- Intel Core 2 Duo processor running Windows XP Professional Edition, Windows Vista Business or Ultimate Edition, or Windows 7 Professional Edition
- Intel Xeon processor running Windows XP Professional Edition, Windows Vista Business or Ultimate Edition, or Windows 7 Professional Edition
- Intel vPro technology and Intel Core 2 Duo running Windows Vista Business or Ultimate Edition or Windows 7 Professional Edition
- Intel Pentium 4 processor running Windows XP Professional Edition, Windows Vista Business or Ultimate Edition, or Windows 7 Professional edition

### Quark Publishing Platform Web Client and Web Admin

- Google Chrome (latest version) for Mac OS or Windows
- Mozilla Firefox (latest version) for Mac OS or Windows
- Microsoft Internet Explorer 8 or 9 for Windows
- Safari 5.x for Mac OS

➡ \* See "*Suggested hardware configurations*" for details.

### Quark XML Author for Quark Publishing Platform

Quark Publishing Platform supports Quark XML Author 4.2. For Quark XML Author system requirements, see the Quark XML Author *ReadMe*.

### QuarkXPress for Quark Publishing Platform

Quark Publishing Platform supports QuarkXPress 9.5. For QuarkXPress system requirements, see the QuarkXPress *ReadMe*.

### QuarkCopyDesk for Quark Publishing Platform

Quark Publishing Platform supports QuarkCopyDesk 9.5. For QuarkCopyDesk system requirements, see the QuarkCopyDesk *ReadMe*.