



# SYSTEM REQUIREMENTS

Below you will find baseline hardware and software configuration information for the Panopto video platform. For additional information on system requirements, consult with your Panopto sales representative.

## Recording and Webcasting Computer

### Operating System

Panopto for Windows:

- Windows 7 and above (32 and 64 bit)
- .NET Framework 4.5.2 required for Panopto 5.2 and above

Panopto for Mac: OSX 10.8 and above

### Processor

Standard Quality: Intel i3 recommended

High or Ultra Quality: Intel i7 (4-core) recommended

### Memory

4GB RAM

### Storage

Standard Quality: 135MB per hour

High Quality: 540MB per hour

### Applications

Microsoft PowerPoint 2007 and above (only if recording presentations)

Apple Keynote 2006 and above (only if recording presentations)

## Video and Audio Recording Equipment

### Video Devices Supported

USB webcams, DV/CAT5/analog camcorders

HDMI and VGA capture devices

Analog video devices that output S-Video or composite AV

Digital pen tablets and white boards

### Audio

Wired and wireless microphones (using the computer's mic jack)

USB audio devices (such as the Blue Yeti USB or component to USB)

Audio devices that use a PC AV capture card

## Viewing Computer

### Operating System

Windows or Mac OSX

### Applications

Web browsers with Adobe Flash or HTML5 support

Note: Adobe Flash required to view live webcasts

### Bandwidth

48 kbps: Audio-only recording

298 kbps: Primary video + audio recording

398 kbps: Audio + secondary video recording

648 kbps: Dual video + audio recording



Panopto's video content management system (VCMS) can be hosted in the cloud on Panopto servers, or it can be deployed onsite using your own server infrastructure. For customers interested in onsite deployment, the chart below provides baseline hardware and software configuration information.

#### Web and Data Server Requirements (Applies to combined and dedicated server configurations)

<b>Operating System</b>	Windows Server 2008 R2 or Windows Server 2012 R2
<b>Processor</b>	Quad core 1.8GHz
<b>Memory</b>	4GB RAM
<b>Storage</b>	Standard Quality: 21MB/hour (audio only); 395MB/hour (primary video + audio) High Quality: 42MB/hour (audio only); 778MB/hour (primary video + audio) Ultra Quality: 56MB/hour (audio only); 1045MB/hour (primary video + audio)
<b>Applications</b>	Microsoft Internet Information Services (IIS) Microsoft SQL Server 2008 or 2012 (Express and Enterprise editions) IIS Media Services 4.0 Expression Encoder 4.0 SP1 Microsoft PowerPoint 2007 and above
<b>Virtualization</b>	All virtualization platforms supported

Panopto's video search engine, Smart Search, supports automated speech recognition (ASR). ASR enables Panopto users to search inside the content of videos for words spoken by the presenter. The chart below provides information on the system requirements for ASR, which is deployed as a virtual machine.

#### Smart Search Automated Speech Recognition (ASR) Requirements

<b>Processor</b>	8-core
<b>Memory</b>	16GB RAM
<b>Virtualization Software</b>	Any software that supports the Open Virtualization Format (OVF). This includes: VMware, VirtualBox, Oracle VM, XenServer, IBM SmartCloud, Microsoft System Center Virtual Machine Manager, rPath, and Red Hat Enterprise Virtualization.

Panopto supports recording and viewing of on-demand recordings using mobile devices. The chart below provides information on the devices supported for recording and playback.

#### Panopto Mobile Device Requirements

<b>Recording</b>	iPhone, iPod Touch, and iPad iOS 6 and above
<b>Playback</b>	Any mobile device capable of playing MP4 (H.264 + AAC) files