

# Bionic Studio

## Machine Specifications / Installation Prerequisites



### **Talkshow Server (formerly PhoneBOX server)**

Quad core i5 processor or better (Xeon Quad Core Recommended)  
8GB memory  
30GB free disk space  
Windows 8.1 or later / Windows Server 2012 R2 or later  
(Server 2008 R2 / Windows 7 will work if not using Skype or Anywhere)  
Microsoft .NET 4.7.1 or later  
Microsoft SQL Server (SQL 2017 recommended, will work on SQL 2008)

Chrome Browser is recommended for any machines accessing web services

### **Audio Server (handles audio for studio devices and music on hold)**

Quad core i5 processor or better (Xeon Quad Core Recommended)  
8GB memory  
30GB free disk space (more if call recording)  
Windows 8.1 or later / Windows Server 2012 R2 or later  
(Windows Server 2008R2 / Windows 7 will work if not using Anywhere)  
Desktop Experience (on Server OS)  
Microsoft .NET 4.7.1 or later

**Audio server can coexist with the talkshow server for smaller sites**

### **SkypeTX Media Server (required if using SkypeTX for Radio)**

i5 processor or better  
8GB memory  
Windows 8.1 or later / Windows Server 2012 R2 or later  
Desktop Experience (on Windows Server OS)  
Microsoft .NET 4.7.1 or later

## Bionic **STUDIO**

### Studio Clients

i3 processor or better

4GB memory

10GB free disk space

Video card supporting at least DirectX 9 with minimum 128MB memory, Pixel shader 2.0+

Monitor resolution of at least 1280x1024

For the best user experience, we strongly recommend a monitor resolution of at least full HD (1920x1080) and colour support of 16.7 million colours. A touch screen is also preferable.

Windows 7 or later / Windows Server 2008 R2 or later

Microsoft .NET 4.7.1 or later



### Social

#### **Social Server** (*formerly Oasis server*)

Quad core i5 processor or better (Xeon Quad Core Recommended)

8GB memory

Windows 7 or later / Windows Server 2008 R2 or later

Microsoft .NET 4.7.1 or later

Microsoft Message Queues (MSMQ)

Microsoft SQL Server (SQL 2017 recommended, will work on SQL 2008)

**Social server can coexist with the Talkshow server only for very small sites**

 **Director****Director Server**

Quad core i7 or better  
8GB memory  
At least 1TB storage depending on station format / number of studios  
Video storage for all studios is saved to the server (approx 100 MB / min)  
Windows 7 or later / Windows Server 2008 R2 or later  
Microsoft .NET 4.7.1 or later  
IIS Web Services including .NET 4.7 support  
Chrome Browser works the best with the Bionic Director Web Manager. Firefox also works well.

**Streaming / Switching (one machine per studio) - Blackmagic systems**

Quad core i7 or better  
8GB memory  
Windows 7 or later  
Microsoft .NET 4.7.1 or later  
Blackmagic Desktop Video Installer (10.9.11)  
USB 2 / 3 (for connection to the H.264 ProRecorder)  
Blackmagic ATEM drivers (7.5.2)

**Streaming / Switching (one machine per studio) - vMix systems**

Quad core i7 or better 3GHz+  
16GB memory  
Windows 7 or later  
Microsoft .NET 4.7.1 or later  
vMix (at least 4k version)  
Nvidia GeForce GTX 1060 video card or better  
SSD (NVMe)

**Streaming / switching can coexist with Director server for a single studio system**

Caller<sup>one</sup>

### Host

Quad core i5 or better

8GB memory

At least 30GB of free disk space (more required if recording calls)

Windows 8 or later / Windows Server 2016 or later

Microsoft .NET core 3.1

Balanced audio interface (speak to our sales team for current recommendations)

### Studio / screeners (running browser)

i3 or better

Screen resolution

- 1160x1024 minimum for a 3 or 6 line system
- 1920x1080 minimum for a 12 line system

Latest browser (not Internet explorer) - Chrome recommended

A touch screen is preferable

Windows, Mac or Linux operating systems supported

An iPad can be used for lighter use.

**Though not recommended, for smaller stations the host can be installed on a Windows PC that is also used as a studio machine. This does, however, limit support options and increases the risk of users inadvertently affecting on-air output.**

## CameraOne

### Host

Intel Core i7 (7th generation or later)  
16GB memory  
At least 200GB storage (depends on video purge setting)  
Video storage is approx 50 MB / min  
Windows 10 / Windows Server 2016 or later  
Microsoft .NET core 3  
Audio interface for mic signals (not required for Axia equipped studios)

### Studio / screeners (running browser)

i3 or better  
Screen resolution 1920x1080 recommended  
Latest browser (not Internet explorer) - Chrome recommended  
Windows, Mac or Linux operating systems supported

An iPad can be used for lighter use.