

# Luxriot VMS Hardware Calculation

## GENERAL SETTINGS

Type of required recommendations: **Server (recording) & Client (live view) on separate computers**  
Recommend me CPUs: **Yes**

## CHANNEL GROUPS

### Video channels group #1

Number of video channels: **7**

#### Video streams specification

Compression: **H.264**

Resolution: **1920x1080**

FPS: **30 fps**

Bitrate: **5 Mbps**

#### Recording settings

Motion Detection source: **No motion detection**

Motion events: **100%**

FPS when no motion: **1**

Days to store: **7**

#### Sub-streams specification

Availability: **Not allowed**

Resolution: **160x120**

FPS: **10 fps**

## HARDWARE RECOMMENDATIONS

### Server Hardware

Number of Computers: **1**

CPU Model: **Intel Pentium 2.6 Ghz – 3.0 Ghz**

Number of cameras per Computer: **7**

RAM per Computer: **2Gb**

Network bandwidth per Computer: **1Mb/s**

Storage size per Computer: **0.00Tb**

Storage write speed: **1Mb/s**

### Client Hardware

Number of Computers: **1**

CPU Model: **Intel Pentium 2.6 Ghz – 3.0 Ghz**

Number of cameras per Computer: **7**

RAM per Computer: **2Gb**

Network bandwidth per Computer: **1Mb/s**