



# ON-PREMISE DEPLOYMENT

## Hype Server

Hype meeting server, Hype application server and Hype gateway server (optional) will be installed per the specifications listed below.

### 500+ users capacity assumptions (for 100 Mbps Bandwidth):

- 100 rooms can be created at anytime
- Average number of users per room can be close to 2

### Prerequisites:

- Domain name with SSL certificate (e.g. hype.example.com)
- DNS Server (e.g. 4.2.2.6)

### Minimum Hype hardware specifications:

- Intel Xeon Quad Core 3.0 GHz CPU or higher
- 16 GB Ram or higher
- 100 GB hard disk or higher
- 100 Mbps network (upload / download both) connection or higher
- Ubuntu Server v 14.04 LTS (SSH access is preferred for deployment)
- Additional file storage: as needed (for recordings and chat attachments, 500 GB typical to start)

### Proxy – for Interoperability (optional):

- Intel Core i7 (dual core) 3.0 GHz or better
- 8 GB Ram
- 100 GB hard disk or better
- 100 Mbps network (upload / download both) connection or better
- Windows Server 2012

### Protocols and ports:

- HTTP, HTTPS, Secure WebSocket, TCP, UDP, IPv4 or IPv6
- Connection: TCP port 443 / 3001 / 3004 / 5060 / 5115 / 5116 / 5672 / 8081 / 8082 / 8086
- Meeting Server: UDP port range 40000 to 50000
- Gateway Server: UDP port range 30000 to 40000