



Minimum Hardware & Software Configuration for WASP3D software module KERNEL CONTROLLER:

Processor: Minimum intel Xeon E3-1200 v2/v3 series.

Motherboard: Minimum Supported E3-1220 processor.

RAM: Minimum 4 GB

Graphic card: Internal/ Onboard

Hard Drive: SATA III 6 Gbps 500 GB or above.

SMPS: As per Motherboard power requirement.

Monitor: minimum 17" 1920 X 1080 Supported screen.

Operating System: Windows server 2012 R2 64 Bit with CAL recommended.

Branded Systems:

- **HP** DL320e Gen8 v2 Server with Intel Xeon E3- 1200 v3 series + 8GB RAM + 500 GB
- **Supermicro** Server with Intel Xeon E3-1200 + 8GB RAM + 500 GB HDD
- **Dell** PowerEdge R210 II with Intel Xeon E3-1200 + 8GB RAM + 500 GB HDD

Software prerequisites:

Microsoft .NET framework 4.5.2 or above

Microsoft Message Queuing

MSXML 4.0 Service Pack 2 (Service Pack-2)

Sentinel LDK setup

MS SQL Express/Standard 2014 or above.

WASP3D modules with version:

- WASP3D Common Controls
- WASP3D Kernel Controller (In Network)

Technology:

Platform/third-party/open source components used:

- Microsoft .NET framework 4.5.2 or above

Communication Protocols:

- TCP, Port Number: 50011
- MSMQ
- Default Port Number: 10001

Network Requirement: Single IP Machine.