



BriefCam

The
Video
Synopsis
Company

BriefCam Syndex Hardware and Software Requirements



BriefCam Syndex server minimum PC requirements:

- **CPU:** please see Table 1 for recommended CPU
- **RAM:** 16 GB or more
- **Available disk space:**
 - Primary disk (SSD): 100 GB (for OS)
 - Secondary disk: 2 TB (for application and database)
- **Operating system:** English Windows Server 2012 R2* (64-bit, SP1 with Microsoft .NET 4.5)
- **Network card:** 1 Gbit

* Windows Server 2012 is optimized for high performance server workloads, and is therefore BriefCam's recommended environment for the BriefCam Syndex server

BriefCam Syndex client minimum PC requirements:

- **CPU:** please see Table 2 for recommended CPU
- **RAM:** 8 GB (16GB recommended)
- **Operating system:** Windows 7 (64-bit, with Microsoft .NET 4.5)
- **Network card:** 1 Gbit
- Dedicated graphics accelerator

Languages Supported

BriefCam Syndex FS+, EP and EP+ support English and simplified Chinese. Support for additional languages can be provided on request.

Running BriefCam Syndex in Virtual Environments

BriefCam generally recommends using dedicated physical hardware servers for production environments, as per the specifications outlined earlier in this section.

In some cases, customers may wish to employ VMs (Virtual Machines) to run BriefCam Syndex software. While this is technically possible, VMs tend to excessively depend on virtualization solution resources, and may be impacted by other concurrently running VMs. BriefCam therefore cannot guarantee optimal performance for customers using such environments.

Should customers wish to use VMs in accordance with the limitations stated above, they will need to assure that VMs conform with the physical hardware server specifications recommended in this section, and specifically that the virtualization product reserve and allocate the CPU and RAM resources required to BriefCam Syndex VMs. This can be done by way of VMware CPU and RAM resource allocation reservation for the BriefCam VM. Additionally, disk IOPS performance (whether of the virtual machines or of external NAS or SAN storage devices) must be guaranteed to be similar to that of a local disk.

Appendix A – recommended CPU list

Table 1

Server CPU type	CPU clock	No of Cores
Intel Xeon E5-2690 v2	3.00GHz	10
Intel Xeon E5-2667 v2	3.30GHz	8
Intel Xeon E5-2643 v3	3.40GHz	6
Intel Xeon E5-2687W	3.10GHz	8
Intel Xeon E5-2687W v2	3.40GHz	8
Intel Xeon E5-1660 v2	3.70GHz	6
Intel Xeon E5-1660 v3	3.00GHz	8
Intel Xeon E5-1680 v3	3.20GHz	8

Table 2

Clients CPU type	CPU clock	No of Cores
Intel Core i7-3930K	3.20GHz	6
Intel Core i7-5820K	3.30GHz	6
Intel Core i7-5930K	3.50GHz	8
Intel Core i7-4930K	3.40GHz	8
Intel Core i7-5960X	3.00GHz	8
Intel Core i7-4960X	3.60GHz	6
Intel Core i7-3970X	3.50GHz	6
Intel Core i7-3960X	3.30GHz	6