



SYSTEM SPECIFICATIONS

Segami Corporation

OASIS SERVER VM SPECIFICATIONS

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MODULE	VCPU COMMITTED	VMEMORY	MINIMUM COMMITTED RESOURCE ALLOCATION (GB RAM)	STORAGE (DISK SPACE ALLOCATION FOR OS AND SERVER (C DRIVE))	STORAGE (TOTAL DISK SPACE ALLOCATION)
Oasis Server	4	8GB/16GB for CT	8GB	120GB	See formula
With PreProcessor	+2	+4GB	+4GB	n/a	n/a

MINIMUM HOST HARDWARE SPECSⁱ

RESOURCE	MINIMUM SPECIFICATION
Processor	Intel® Xeon® E3-1230, 8M Cache,
CPU clock speed	3.20 GHz Single processor Turbo, Quad Core/8T (80W)
RAM Memory	8GB Memory / 16GB for CT
Operating System	Windows Server 2019 (recommended); Windows Server 2016;
Hard drives	1TB 7.2K RPM SATA 3.5in Cabled Hard Drive
NIC ports	Gigabit Ethernet network adapter
Optical drive	DVD-ROM Drive, SATA

FORMULA FOR DETERMINING DISK SIZE FOR OASIS SERVER:

80GB (includes O/S and Oasis Software) +
 10MB x ((#Gamma studies per day x DROS) + #Priors) +
 30MB x ((#Cardiac SPECT [No CT] studies per day x DROS) + #Priors) +
 175MB x ((#PET CT studies per day x DROS) + #Priors) +
 150MB x ((#SPECT CT studies per day x DROS) + #Priors) +
 400MB x ((#PET CT Cardiac studies per day x DROS) + #Priors) +
 100MB x (#Multi-Frame Screen captures per study x studies per day x DROS)

= TOTAL DISC SPACE NEEDED

“DROS” (“Days retention on server”) is the maximum number of days that studies will be required on the Oasis Server. Once this is determined, the Oasis Server Auto-Delete function can be set up to delete studies older than the retention period.

“Priors” are the approximate number of prior studies that will be retrieved from the PACS either manually or automatically via APR.

ⁱ The specs above are for running one instance of Segami’s Oasis server VM Image. The Specifications of the Physical Host Hardware are solely the responsibility of the end users IT department. There are too many variables involved for Segami to determine what each sites VM server needs are. I.e. total disc space, total system memory, number of CPU’s, RAID number, and number of other VM Images being run.