

# Hardware Configurations

This page is intended as a mechanism to capture information about host configurations.

Some other notes:

- We know that video acceleration settings can cause unusual behavior (from not rendering text, to squeezing everything into a third of the screen, etc.). Best results seem to be with acceleration turned off.
- vlc (which is used to stream sources) appears to require a lot of video memory.
- A full checkout of the repository trunk requires approximately 5.5 GB free disk space.
- The binary package requires approximately 405 MB free disk space.
- When running the Tune Test, ri.exe consumes approx 60 MB of memory.
- A 'sparse' checkout (using checkout\_dev\_env.sh) of the trunk requires approximately 1.5 GB free disk space (1.9 GB after build).

System Model	Hardware Configuration					OS Details		Functions			Notes
	Cores(# & type)	Processor Clock Speed	Total System Memory	Video Chipset	Video Memory	OS	VM	Circles App	Tune Test	Smoke Test	
MacBookPro1,2	2xT2600 (Dual Core Intel)	2.16 GHz	2 GB	Radeon X1600		XP Pro-SP3, Windows 7		Ok	Ok	8/8	Running under Bootcamp
MacBookPro1,2	1xT2600	2.16 GHz	874 MB	VirtualBox Graphics Adaptor		XP Pro-SP3, Windows 7	VirtualBox	Ok	Fails	Unknown	Experiments with altering the amount of video memory did not yield any fruit.
Recommended Dell Latitude 6400 or later	2.5GHz dual core	2.5 GHz	2 GB	NVIDIA 8600 or equivalent		XP Pro-SP3, Windows 7, CentOS 6.x 32-bit, Ubuntu 12.04 LTS 32-bit		Ok	Ok	8/8	7200 RPM Hard Drive (SSD recommended)
MacBookPro	2.5+ GHz Intel Dual/Quad Processor	2.5+ GHz	4+ GB	Fusion Graphics		XP Pro-SP3, Windows 7 (32 or 64-bit. 32-bit Cygwin), CentOS 6.x 32-bit, Ubuntu 12.04 LTS 32-bit	VMware Fusion 2 or later 2 virtual processors, 2048 MB RAM Accelerate 3D Graphics enabled 2 network adapters Shared network connection via NAT Private network connection with Mac Host only	Passes	Passes	8/8	<ul style="list-style-type: none"> <li>• Performance Options               <ul style="list-style-type: none"> <li>◦ Visual Effects adjusted for best performance</li> <li>◦ Processor scheduling adjusted for best performance of background services</li> <li>◦ Memory usage adjusted for best performance of system cache</li> <li>◦ Paging file size set to "no paging file"</li> </ul> </li> <li>• System Restore options               <ul style="list-style-type: none"> <li>◦ Turned off on all drives</li> </ul> </li> <li>• Indexing Service               <ul style="list-style-type: none"> <li>◦ Manual startup type</li> <li>◦ Disabled on all virtual drives</li> </ul> </li> <li>• Subversion working area local to this virtual machine to avoid network latency during smoke tests</li> <li>• Ran Disk Defragmenter after checking out ocap-ri trunk and initial builds of platform and stack. Do not defragment SSD drives though, ever.</li> </ul>