

# DOS on modern systems...

## ...with ArcaOS

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# Capabilities

- 64-bit versions of Windows do not support 16-bit components, 16-bit processes, or 16-bit applications
- For Linux, DOSBox 0.74(?) and newer can run Windows 3.11 in 386 Enhanced Mode...but can't multitask Windows apps - other issues
- ArcaOS can run DOS and Windows 3.11 (in 386 Enhanced Mode...with multitasking) in OS/2's native DOS VDM

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# Typical DOS Issues

- DOS sessions may open and not accept keyboard input
- DOS sessions may result in high CPU load on one or more processor cores
- DOS sessions may hang the system completely
- Attempting to start a windowed DOS session, you may be notified that the session may not be opened in a window

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# Typical DOS Issues

- Full screen DOS sessions may appear dim (particularly when running SNAP)
- Systems may not properly return from full screen sessions to the ArcaOS desktop
- Other video corruption may be observed during windowed sessions
- DOS sees no available space on drives > 2GB

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# Some DOS Fixes

- Full screen sessions not accepting keyboard: VIOP.SYS driver (experimental) from Arca Noae  
<https://www.arcanoae.com/test/viop-1.0.wpi>
- High CPU utilization: TAME  
<http://www.tamedos.com/tame/tamehome.htm>
- Speed issues (too fast): Mo'Slo  
<http://www.hpaa.com/moslo/>



# Some DOS Fixes

- Disk full (> 2GB volume): V2GB.SYS  
<http://www.tavi.co.uk/os2pages/utils/v2gb.zip>

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# Questions?

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