

WINDOWS 10 USB SELECT SUSPEND/POWER	TB000045	REV. A
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Executive Summary

Windows 10 has a USB Selective Suspend feature that is enabled by default and has been reported to cause issues with USB devices. This bulletin describes how to disable Select Suspend and how to adjust USB power management on devices in Windows 10 Device Manager.

- 1. Disable the USB Selective Suspend feature globally within Windows
 - a. Click the Start button and type *edit power plan* in the Windows Search box.



b. Click Change advanced power settings

🖗 Edit Plan	Settings							
00	🗟 • Control Panel • Har	dware and Sound	d + Power Option	s + Edit Plan Sett	ngs 🔅	- 60	Search Control Panel	
	Change settings for the	e plan: Balance	d					
	Choose the sleep and displ	ay settings that y	you want your cor	riputer to use.				
		1	On battery	at Pu	gged in			
	Turn off the display:	Sminutes		10 minutes				
	Change advanced groups a	ettroad						
	Bestore default settings fo	r this plan						
					Sweiter	205	Cancel	

c. Scroll down to USB settings and click the little plus next to USB selective suspend setting to expand the options. Set both the On battery and Plugged in settings to Disabled then click Apply and OK to save changes.



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- 2. Disable USB Power Management in Windows 10 Device Manager
 - a. Click the Start button and type Device Manager in the Windows search box.

Control panel
Settings
Search my stuff
device manager

- **b.** Disable Power Management for the following devices:
 - a) Human Interface Devices
 - b) Mice and Other Pointing Devices
 - c) Universal Serial Bus Controllers
- c. To disable Power Management, use the drop-down arrow to expand the selection, then right click on each device entry. Go to the *Power Management tab* and uncheck *Allow the computer to turn off this device to save power* (Not all devices will have this option).

Construction	Right click on each device, go to
> Dirk driver	the rower management tab and
 Disk urives Display adaptors 	uncheck "Allow the computer to
V I Human Interface Devices	turn off this device to save power."
I and the second	
B HID-compliant consumer control device	
III HID-compliant consumer control device	
HID-compliant consumer control device	USB Input Device Properties
HID-compliant consumer control device	C I D: D I I E I Rewar Management
HID-compliant device	General Driver Details Events Tower Management
HID-compliant system controller	USB Input Device
HID-compliant system controller	
HID-compliant touch screen	
HID-compliant vendor-defined device	Allow the computer to turn off this device to save power
HID-compliant vendor-defined device	Allow this device to wake the computer
🔚 Microsoft Hardware USB Keyboard	
Microsoft Hardware USB Mouse	
🛤 QCOM-BTD Audio/Video Remote Control HID	
🕼 USB Input Device	
> 📺 IDE ATA/ATAPI controllers	
> 🚡 Imaging devices	
> C Keyboards	
 Mice and other pointing devices 	
HID-compliant mouse	
> Monitors	
> Prese Network adapters	OK Cancel
> in Other devices	
Printable Devices	
> El Print queues	
> Software devices	
Sound video and name controller:	
Storage controllers	
System devices	
Universal Serial Bus controllers	
Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Micro	soft)
Microsoft Mouse and Keyboard Detection Driver (USB)	
USB Composite Device	
USB Composite Device	
USB Composite Device	
USB Mass Storage Device	
E USP Poot Hub (vHCI)	

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