

Z68 Motherboard VT-d/Network/RAID Test Matrix				Does DirectPath I/O Configuration work with ESXi 4.1U1? (July 20 2011)								
Brand	Model	DirectPath I/O Configuration: VMDirectPath verified by tinkerguy to work with ESXi 4.1U1?	Can LSI 9260-8i enter its BIOS using Ctrl+H if mobo storage and USB3 and NICs are disabled?	Newegg	Specifications	BIOS Level Tested June 2011	BIOS Download	Instruction Manual	Page#	Virtualization information cut-and-pasted directly from the pdf Instruction Manual (for my tests, all virtualization features listed here were turned on)		
ASRock	Fatal1ty Z68 Professional Gen3	Yes	No	ASRock Z68 PROFESS	http://www.asrock.com	1.10	http://europe.asrock.com	http://europe.asrock.com	72,73	Intel Virtualization Technology When this option is set to [Enabled], a VMM (Virtual Machine Architecture) can utilize the additional hardware capabilities provided by Vanderpool Technology. This option will be hidden if the installed CPU does not support Intel Virtualization Technology		
						Fatal1ty Z68 Professional Gen3(1.10)ROM.zip Z68PFG31.10				VT-d Use this to enable or disable Intel® VT-d technology (Intel® Virtualization Technology for Directed I/O). The default value of this feature is [Disabled]		
						2011-06-27						
ASRock	Z68 Extreme4	Yes	Yes	ASRock Z68 Extreme4	http://www.asrock.com	1.60	http://europe.asrock.com	http://europe.asrock.com	67, 68	Intel Virtualization Technology When this option is set to [Enabled], a VMM (Virtual Machine Architecture) can utilize the additional hardware capabilities provided by Vanderpool Technology. This option will be hidden if the installed CPU does not support Intel Virtualization Technology.		
						Z68%20Extreme4(1.60)ROM.zip Z68EXT41.60				VT-d Use this to enable or disable Intel® VT-d technology (Intel® Virtualization Technology for Directed I/O). The default value of this feature is [Disabled].		
						2011-07-15						
ASUS	P8Z68-V PRO	No	Yes	ASUS P8Z68-V PRO L	http://www.asus.com	0401	http://dlcdnet.asus.com	http://www.asus.com	81	Intel® Virtualization Tech [Disabled] Allows a hardware platform to run multiple operating systems separately and simultaneously, enabling one system to virtually function as several systems.		
						P8Z68-V-PRO-ASUS-0401.zip						
						P8Z68-V-PRO-ASUS-0401.ROM						
						2011-05-12						
Gigabyte	GA-Z68X-UD3H-B3	No	No*	GIGABYTE GA-Z68X-U	http://www.gigabyte.com	B3_F3 2011-May?		http://download.gigabyte.com	45	Virtualization Technology (Note) Enables or disables Intel Virtualization Technology. Virtualization enhanced by Intel Virtualization Technology will allow a platform to run multiple operating systems and applications in independent partitions. With virtualization, one computer system can function as multiple virtual systems. (Default: Enabled)		
			(didn't test with all BIOS features shut off, didn't know that it was related to BIOS RAM memory at that time)			mb_bios_ga-z68x-ud3h-b3_f3.exe Z68XUD3H.F3						
MSI	Z68A-GD80 (B3)	Yes	Yes	MSI Z68A-GD80 (B3)	http://www.msi.com	17.0	http://download.msi.com	http://www.msi.com	35	Intel Virtualization Tech This item is used to enable/disable the Intel Virtualization technology. For further information please refer to Intel's official website. Intel VT-D Tech This item is used to enable/disable the Intel VT-D technology. For further information please refer to Intel's official website.		
						2011-04-25 7672vH0.zip E7672IMS.H00		http://download2.msi.com/files/downloads/mnu_exe/M7672v3.0_EURO.zip				