

## PCs tested with the TimeHarp260

We have unfortunately encountered compatibility problems of the TimeHarp 260 with a few desktop PCs. The problems are mostly found with the low-end PCs of large manufacturers like DELL and are caused by a wrong implementation of the Active State Power Management (ASPM) in the BIOS of these PCs. For all non-listed motherboards/computers a general rule is that TimeHarp should not be connected directly to the processor. You should search for a PCIe slots that are connected via the chipset (mostly all PCIe x1 or PCIe x4 Slots). The motherboard manual should contain info regarding whether a particular slot is connected directly or via chipset to the processor.

If your PC is not compatible please contact <http://support.picoquant.com>.

### working mainboards / computer

Mainboard	Chipset	Comment
AsRock 880GXH/USB3	AMD 880G/SB710	
ASUS M2V	VIA K8T890/VT8237A	
ASUS M3A	AMD 770/SB600	
ASUS A8N-SLI	NVIDIA nForce4 SLI	
ASUS P8Z77-V Pro	Intel® Z77	
ASUS Z9PA-U8	Intel C602-A	only in Slot1 (lowest PCIe x8 Slot)
ASUS Z97-A	Intel Z97	
ASUS Z170-A	Intel Z170	
ASUS Z170 Pro Gaming	Intel Z170	
Gigabyte H61M-D2H	Intel H61	
Gigabyte Z68AP-D3	Intel Z68	
Gigabyte GA-Z87X-UD5H	Intel Z87	
Gigabyte GA-G33-DS3R	Intel G33/ICH9R	
MSI MS-7392	Intel P31/ICH7	
MSI P55A-GD55	Intel P55	
MSI P55-GD80	Intel P55	
MSI Z68A-GD65-G3	Intel Z68	OK after BIOS-Update to V25.8
MSI Z68A-GD65	Intel Z68	
MSI Z68A-GD80	Intel Z68	
SuperMicro X10SRA	Intel C612	works best in the 2 black PCIe x8 Slots
Computer	Chipset	Comment
HP ENVY 700-056	AMD A75 FCH	
Dell Precision T3400	Intel X38	Installed in SLOT 3 , PCIe 8x(4,1)

## not-working mainboards / computer

Computer	Chipset	Comment
DELL Vostro 630		
DELL Optiplex 9020 Model Minitower		
DELL Optiplex 7020		
DELL T7610		
HP 200-G1 (Model L5L54US#ABA)		
Lenovo ThinkServer TS140		

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