# Installing and Configuring SIV

SIV should be downloaded from <u>http://rh-software.com/</u> and to setup SIV to control CL hardware do as follows:

Extract SIV.zip into C:\Program Files\SIV\ or similar.

👫 SIV64X - System Information Viewer V5.21 Beta-16 ZEN::lic 🛛 🗙
Windows 10 x64 Professional (Single User)       V10.00       Build 15063       RS2       ASUS Crosshair VI Hero       ZEN::lic       Italian (0410)       Italy (39)         Workgroup       MARTIRI_63       00       10:58:57       2017-07-05       18:49:47       3.33GHz       Dual DDR4 RAM       PCIe x16@3 (x16@3)       FSB:DRAM 3:50
Resource Usage 20% [1] 89%CurrentMaximumMaximumDDR4 RAM CAS Latency14System Physical Memory3.32GB9.97GB16.00GBRAS to CAS Delay (tRCD)14System Paging File4.23GB14.08GB18.31GBRAS to CAS Delay (tRCD)14System File Cache2.84GB13.16GB3.25GBCycle Time (tRAS)28System Power Usage4.36 W0.81 W44.69 WRow Cycle Time (tRC)42 1T
CPUs 16 Cores 8 Chips 1 Disks ■ 40°C ■ 36°C ■ 39°C ■ 45°C ■ 42°C ■ 37°C DIMMs ■ 36°C ■ 36°C
ITE IT8665       MB 37°C 33°C 32°C 33°C 35°C 35°C 35°C 30°C 47°C 39°C 35°C 35°C 35°C 35°C 35°C       EC 53°C 44°C 37°C 29°C 35°C 0.95       I/O +3.31 DRAM +1.35         PSU +4.99 +11.90 +3.29 VBAT +3.12       Fans 1,027 0 0 0 1,066 0 0 0 775 882 396 728 0 668 499 726 1,044 1,295 1,060 0 2,246 2,197 0 0 0 0       0 0 0 0 775 882 396 728 0 668 499 726 1,044 1,295 1,060 0 2,246 2,197 0 0 0 0
Processor       FSB       4.1% CPU Utilisation       Volts       Temp       Power       APIC       Socket AM4 PGA-1331       AMD Ryzen 7 1700 Eight-Core (Summit Ridge) [ZP-B1]         CPU-0       1.50GHz x15       100MHz       1.00MHz       0.88       4.5°C       0.914       0.00       0.01       CPUs 16 Cores 8x2       AMD Ryzen 7 1700 Eight-Core (Summit Ridge) [ZP-B1]       Family 23 Model 1 (01) Stepping 1 Brand 2.0.0.00 (0)         CPU-2       2.70GHz x27       100MHz       0.88       0.701       0.1.0       L1 Code Cache (2)       4-way 64-byte 8 x 64KB       Core       1.09 volts         CPU-3       2.70GHz x27       100MHz       0.88       0.701       0.1.0       L1 Code Cache (2)       8-way 64-byte 8 x 64KB       Core       1.09 volts         CPU-4       1.50GHz x15       100MHz       0.88       0.119       0.2.0       L2 Unified Cache (2)       8-way 64-byte 8 x 512KB       Pump 1,060 RPM         CPU-5       1.50GHz x15       100MHz       0.88       0.062       0.3.0       Cache-0 Latencv       0.3.1         CPU-7       1.50GHz x15.       100MHz       0.88       0.062       0.3.0       Cache-0 Latencv       0.3.1       MMX+ SSE4.2 XD AVX2       NB Clock 1.67GHz         CPU-7       1.50GHz x15.5       100MHz       1.19
CPU-12         1.55GHz x15.5         100MHz         1.19         0.041         0.6.0           CPU-13         1.55GHz x15.5         100MHz         0.01         0.6.1
CPU-14       1.55GHz x15.5       100MHz       1.19       0.134       0.7.0         CPU-15       1.55GHz x15.5       100MHz       1.19       0.7.1
OK IV Copy IV Windows IV Machine IV Status IV USB Bus IV Network IV SPD IV Volumes IV Adapters IV PCI Bus IV About IV Help IV

Run SIV64X.exe, or in the unlikely case of 32-bit Windows SIV32X.exe

Press the (down arrow) ▼ in the [Status | ▼] button and navigate to [Status | ▼]->Configure->SIV Qualifiers.

Select -AIOCTL, -SINGLE and press [Save].

Exit and restart SIV

Now SIV is running in CL control mode.

- Note 1 When SIV AIOCTL is used CL4 should not be run
- **Note 2** Prior to CL 4.2.4.25 and from 4.9 you MUST not have both SIV and CL4 active at the same time.

Next check [Status] ▼]->Link Status to confirm SIV has detected all your CL hardware.

坐 [SIV Qualif	iers] <- SIV64X - Syst	em Information Viewer V5.05 Beta-18 CHIEF::Lic —	$\times$
SIV64X - SIV	Default Command Q	ualifiers on \\CHIEF - Windows 10 x64 Professional V10.00 Build 10240 TH:	L
Qualifiers	-AIOCTL -SINGLE		
	ADAPTERS     ATOCTL     ATOCTL     ANORALLOON     BUUE     BOINC     FREE     GPUCTL     INDENT     LOCAL     HOLTIMK     SINGLE     NOTHEME     TRAY     VDF     UNDF     USUBLE     NOTHEME     UNDF     USUBLE     SINGLE     TRAY     VDF	Show [Adapters] on the initial screen Enable automatic AIO Link Control (Corsair + NZXT) Disable the display of Baloon Tool Tips Show (Bluetooth) on the initial screen On startup display the [BOINC Struls] panel Show <free>unused USB Root Hub ports on [USB Bus] Enable GPU Fan Control and Overclocking Indent [Buttons] to reflect hierarchy Limit STV64X to the local system Disable use of AIO Link Hardware (Corsair + NZXT) Only allow a single instance of SIV64X to be active Disable use of Windows Themes on XP and later Start SIV64X minimized in the Icon Tray Enable the Windows Driver Framework (WDF) pages Disable the Windows Driver Framework (WDF) pages Disable the Windows Site SIV64X Default Site SIV64X Default corrisors Setup the SIV64X Default Command Qualifiers that will be used when</free>	
	none are specifie These will be use	d on the command line. Press [Save] to write them to the registry. d when SIV64X is next started and the [About] panel will report them.	
ОК Іт	Copy I	Qualifiers I Autorun I Scheduler I Setup I About I Held	)   <del>-</del>

hannel	Name	Volts + ID	Amps + FW	Power	Temp	Fans @	PCIe/LEDs	AIO Link Device Description and Configuration	
0:0 05	CLCC	0 + 3D	0 + 1106	0	4	6	0 + 1	Corsair Integrated USB Bridge (#0)	
ORSAIR	R-CLCC T1 SOCKET R-CLCC T2 RAM R-CLCC T3 UP VRM R-CLCC T4 VRM R-CLCC Fan 5 R-CLCC Fan 6				30.7°C 30.5°C 33.6°C 33.9°C	685 657 352 710 NC 726	FF 00 FF	Peak Times         0.470 (45) + 0.000 (0) + 0.021 (1           Firmware         V1.1.06           Channel ID         0x05           Product ID         0x3D           Sizes         65 + 65           Bridge Rev         V2.0.00           Mutex Name         Global/CorsairLinkReadWriteGuardM	0) Points 5 Iutex
1:1 05	H100	0 + 3A	0 + 1208	0	1	5	0 + 0	Corsair Integrated USB Bridge (#0)	
M	H100 Water Temp H100 Fan 2 H100 Fan 3 H100 Fan 4 H100 Pump				29.3°C	470 767 732 1,310 1,067		System Mode         C-Link - 0x08           Firmware         V1.2.08           Channel IID         0x05           Product ID         0x3A         Sizes         65 + 65           Bridge Rev         V2.0.00         V2.0.00         V2.0.00	Points 5
2:2 05	CLLN	0 + 39	0 + 1109	0	0	0	0 + 2	Corsair Integrated USB Bridge (#0)	
	CLLN LED 1 CLLN LED 2						25 DA 00 25 DA 00	Peak Times 0.119 (45) + 0.001 (0) + 0.022 ( Firmware V1.1.09	0)
3:3 01	HX1000i	4 + 00	4 + 0000	4	2	1	0 + 0	Corsair Integrated USB Bridge (#0)	
min	HX1000i Supply V HX1000i +3.3 V HX1000i +5.0 V HX1000i +120 V	230.000 V 3.344 V 5.031 V 12.094 V	0.736 A 1.438 A 4.813 A 10.500 A	169.306 W 4.500 W 24.500 W 122.000 W	36.5°C 31.5°C	0	I	Output 154.000 W         Efficiency 91.0 %           Firmware         NA           Channel ID         0x01           Product ID         NA         Sizes         65 + 65	Points 6
4:0 12	CLCP	3 + 00	0 + 0183	0	4	6	0 + 2	Corsair Link Commander Pro (CLCP) (#1)	
<b>&gt;</b>	CLCP +3.3 V CLCP +5.0 V CLCP +12 V CLCP Temp 4 CLCP Fan 5 CLCP Fan 6	3.353 V 4.977 V 11.955 V			29.9°C 29.5°C 29.3°C 29.6°C	2,222 2,169 NC NC NC NC	00 00 FF 00 00 FF	$\begin{array}{llllllllllllllllllllllllllllllllllll$	0) LED Items Points 6 Iutex
5:0 12	CLCS	0 + 00	0 + 0183	0	0	0	0 + 2	Corsair Link Commander Pro (CLCP) (#1)	
	CLCS LED 1 CLCS LED 2						00 00 FF 00 00 FF	Peak Times 0.183 (44) + 0.001 (0) + 0.071 (4 Firmware V0.1.131 + V0.3.00	0)
6:0 12	CLNP	0 + 00	0 + 0348	0	0	0	0 + 2	Corsair Lighting Node Pro (CLNP) (#2)	
	LNP-1a LED 1 LNP-1a LED 2						00 00 FF 00 00 FF	Peak Times 0.050 (44) + 0.001 (0) + 0.017 (0 Firmware V0.3.72 + V0.2.00	0)
7:0 12	CLNS	0 + 00	0 + 0348	0	0	0	0 + 2	Corsair Lighting Node Pro (CLNP) (#2)	
	LNP-2a LED 1 LNP-2a LED 2						00 00 FF 00 00 FF	Peak Times 0.049 (44) + 0.000 (0) + 0.017 ( Firmware V0.3.72 + V0.2.00	0)
	LNP-2a LED 2	Status 🔽 L	nk Status - Link	Fans I <del>v</del> Link I	FDs I <del>v</del> Lin	k Power Lin	00 00 FF	Firmware V0.3.72 + V0.2.00	Main

#### Next navigate to [Status|▼]->Configure->Link Export

🗌 [Link Export	] <- SIV64X - System Inform	ation Viewer V5.05 Beta-	20 CHIEF::Lic			
SIV64X - AIO L	ink Export and Name Selec	tion on \\CHIEF - Wind	ows 10 x64 Professional V10.00	Build 10586 TH2		
Device	SIV Name	User Name	SIV Name	User Name	SIV Name	User Name
0 CLCC	CLCC Temp 1	R-Mini T1 NB	CLCC Fan 1	R-Mini F1 UP1	CLCC LED 1	R-Mini GPU bottom Led
	CLCC Temp 2	R-Mini T2 VRM	CLCC Fan 2	R-Mini F2 UP2		
	CLCC Temp 3	R-Mini T3 SKT	CLCC Fan 3	R-Mini F3 SKT		
	CLCC Temp 4	R-Mini T4 VRM	CLCC Fan 4	R-Mini F4 VRM		
			CLCC Fan 5	R-Mini F5 NB		
			CLCC Fan 6	R-Mini F6 GPU		
1 H100	H100 Temp 1	H100 Water Temp	H100 Fan 1	H100 F1x480		
			H100 Fan 2	H100 F2x480	_	
			H100 Fan 3	H100 F3x480	_	
			H100 Fan 4	H100 F4x480		
			H100 Pump	H100 Pump		
2 Lights					Lights LED 1	Lights GPU side Led
					☑ Lights LED 2	Lights CPU up Led
🔳 3 HX1000i	HX1000i Supply V	HX1000i Supply V	HX1000i Supply A	HX1000i Supply A	HX1000i Supply W	HX1000i Supply W
	HX1000i +3.3 V	HX1000i +3.3 V	HX1000i +3.3 A	HX1000i +3.3 A	HX1000i +3.3 W	HX1000i +3.3 W
	HX1000i +5.0 V	HX1000i +5.0 V	HX1000i +5.0 A	HX1000i +5.0 A	HX1000i +5.0 W	HX1000i +5.0 W
	HX1000i +120 V	HX1000i +120 V	HX1000i +120 A	HX1000i +120 A	HX1000i +120 W	HX1000i +12o W
	HX1000i Temp 1	HX1000i Temp 1	HX1000i Efficiency	HX1000i Efficiency	HX1000i Output W	HX1000i Output W
	HX1000i Temp 2	HX1000i Temp 2	HX1000i Fan 1	HX1000i Fan		
BID Repo	rted Channels		Bridge Device Description		Bridge Device PnF	P ID
0 1 0 CL 2 3	CC 1 H100 2 L	ights 3 HX1000i	Corsair Link PMBus Bridge (Off-L Corsair Integrated USB Bridge ( Corsair Integrated USB Bridge ( Corsair HX-Series C-Link Adapter	ine) #0) Off-Line) · (HX1000i) (Off-Line)	HID/VID_181C&P HID/VID_181C&P HID/VID_181C&P HID/VID_181C&P	ID_0C02\6&2CC083E3&0&000 ID_0C04\7&1E80F9D4&0&000 ID_0C04\7&8899117&0&000 ID_1C07\7&1454D28F&0&0000

Use [Link Export] to set the names you wish to use then press [Save].

## **Configuring Link Fan Control**

Use [Status] ▼]->Link Fans to setup the custom curves.

[AIO Link Fans] <	- SIV64X - Syste	em Informa	tion Viewer V	/5.21 Beta-16 ZEN::lic				^
Description	Current	Average	Minimum	Maximum Mode F/B	Feedback Temperature	Fan Control Mode	PWM RPM	Custom Points Default 30 Radical 0 PSUs 30
R-CLCC Fan 1	699	685	662	702 🗌 8E 46°C	📕 46°C Synthetic GPU	6 🚖 🔍 Custom	227 🗢 70	8 ≑ 📕 40 500,45 650,50 800,55 900,60 1100
R-CLCC Fan 2	683	661	640	686 🔲 8E 46%	46°C Synthetic CDU	o 🚖 🔿 Custor	233 🗢 70	8 ≑ 🜉 40 500,45 650,50 800,55 900,60 1100
R-CLCC Fan 3	405	364	351	- 🗆 8F //°C	■ 37°C S	6 ≑ 🔿 Custom	154 - 25	0 ≑ 🗖 😵 350 39 390 40 410,41 430,42 730
R-CLCC Fan 4	711	710	709	€ 31°C	31°C R ET	🛛 🔁 🔿 Custom		9 🜩 🗖 30 🔥 🔥 900,45 1000,50 1400
R-CLCC Fan 5	NC	-	-	0E 31°C	31°C R	6 🚖 🔿 Custom		0 🗧 30 40 🗛 1200,45 1600,50 2000
R-CLCC Fan 6	727	726	724	E 46°C	46°C Synchecic GPO	6 🚖 🔿 Custom		3 🗧 50 7 900,65 1000,70 1100
H100 Fan 1	1,034	632	390	5 F	30°C H100 Water Temp	6 🗢 🔿 Custom	94 ≑ 65	0 ≑ 📕 30 650,32 800,34 900,36 1000,38 1500
H100 Fan 2	667	729	659	F	30°C H100 Water Temp	pm	45 💠 65	0 💠 📕 30 650,32 800,34 900,36 1000,38 1500
H100 Fan 3	1,071	1,027	352	2,278 8F	30°C H100 Water Temp	j 🖉 📶 🕅	17 💠 65	0 ≑ 📕 30 650,32 800,34 900,36 1000,38 1500
H100 Fan 4	1,188	972	382	1,849 🗌 8F	30°C H100 Water Temp	<mark></mark> pm	17 💠 65	0 ≑ 📕 30 650,32 800,34 900,36 1000,38 1500
H100 Pump	1,061	1,063	1,052	1,077 🗌 83	30°C H100 Water 7	PWM	255 ≑	0 ≑ 📕 30 650,32 800,34 900,36 1000,38 1500
HX1000i Fan 1	0	-	-	- 🗌 01	38°C H <sup>×</sup> 5000 Temp 1	0 🗧 🔿 Fixed PWM	0 🖨	0 ≑ 📕 35 27,40 30,45 40,50 60,55 80,60 100
CLCP Fan 1	2,222	2,223	2,205	2,238 🗌 FF 41°C	41°C GPU-1	6 😫 🔿 Custom	100 ≑	0 ᆃ 📕 45 650,50 800,55 900,60 1000,65 1500,70 1750
CLCP Fan 2	2,173	2,172	2,158	2,189 🗌 FF 39°C	39°C GPU-2	6 🚖 🔿 Custom	100 ≑	0 ≑ 📕 45 650,50 800,55 900,60 1000,65 1500,70 1750
CLCP Fan 3	NC	-	-	- 🗌 12	30°C CLCP Temp 3	0 🚖 🔿 Fixed PWM	100 ≑	0 ≑ 📕 20 0,30 750,40 1000,50 1250,60 1500,70 1750
CLCP Far	NC	-	-	- 02	30°C CLCP Temp 4	0 😫 🔿 Fixed PWM	100 ≑	0 ≑ 🗖 20 0,30 750,40 1000,50 1250,60 1500,70 1750
CLCP Far	NC	-	-	- 32	31°C CLCP Temp 1	0 🚖 🔿 Fixed PWM	100 🗢	0 🚖 🗖 20 0,30 750,40 1000,50 1250,60 1500,70 1750
CLCP F	NC	-	-	- 32	31°C CLCP Temp 1	0 😫 🔿 Fixed PWM	100 ≑	0 ≑ 📕 20 0,30 750,40 1000,50 1250,60 1500,70 1750
Sar ed Prome	all a	R-CLCC F	an 1 Custon	n Setup Point	1 Point 2 Point 3	Point 4 Point 5 Point 6	Unit http:	//forum.corsair.com/forums/showthread.php?p=757703
O PWM 255 🖨		Tempera	ature 46°C S	ynthetic GPU 4	0 💠 45 ≑ 50 ≑	55 🗢 60 🗢 NA		are issues with CLCC 1.1.06.
O RPM 2000 \$	CORSAIR	Coolers :	13 of 18 - Fa	n Speed 50	0 🗢 650 🜩 800 🗢	900 🜩 1100 🜩 NA	RPM SIV64	X does workarounds when -AIOCTL is specified.
ОК І◄ Сору	l▼ Reset	Apply	Save	Status Ir Link Stat	us   Link Fans   - Link LEDs	▼ Link Power Link Update	Link Setup Link I	Devices Network I Main I

- 1 Select the Mode (6=Custom)
- 2 Select the fan to control
- 3 Select the Feedback Temperature source you wish to use
- 4 Set the Temperature points and the corresponding RPM or PWM value
- 5 Press [Apply] to test your settings. Press [Save] to save your settings to the registry
- A: pressing the little square is possible to clone the selected (see point 2) settings
- B: Selecting PWM or RPM allows all the fan speeds to be set by next pressing [Apply].

Press [Reset] then [Apply] to revert to the saved settings.

The maximum PWM value is 255. Tip: Could be useful to know the maximum fan speed

Are also available the common presets: 2=Default 3=Quiet 4=Balanced 5=Performance

The green squares on the left side (as in [Link Status]) distinguish the PWM fan (4 pins, light green) from the RPM fan (3 pins, dark green).

The firmware support for Custom Curves does not allow very low speeds and when the system is idle the fans are often running faster than needed. From SIV 5.19 for CoolIT V2 devices (CLCC, H110i, H110iGT, H100i, H80i) when the temperature is below Custom Point 1 the PWM value is used to set the fan speed so a lower speed can be achieved to work around the firmware limitation.

To best utilise this facility it is important to set a suitable PWM value. To do this set the fan to **PWM** mode (0), next set PWM values and press **[Apply]** to find the PWM value that runs the fan at the speed you wish to use. This should obviously be less than the Point 1 fan speed.

R-CLCC Fan 1	355	-	-	- 82 30°C	30°C F-CLCC T1 R9 295x2	0 🗢 🔿 Fixed PWM	100 🗢	500 ≑ 📕 40 500,45 650,50 800,55 900,60 1100 🧼
R-CLCC Fan 2	491	488	453	492 8E 34°C	34°C F-CLCC 14 R9 VRM	6 🗢 🔾 Custom	148 🖨	500 🚔 🗖 40 500,45 650,50 800,55 900,60 1100
R-CLCC Fan 3	338	337	337	- 8E 28°C	28°C Synthetic Disk	6 🚖 🔿 Custom	125 ≑	350 🚔 📕 38 350,39 390,40 410,41 430,42 730
R-CLCC Fan 4	456	460	454	503 🗌 8E 22°C	22°C R-CLCC T1 SOCKET	6 🚖 🔿 Custom	100 ≑	700 🚖 📕 30 700,35 800,40 900,45 1000,50 1400
R-CLCC Fan 5	0	-	-	- 0F 23°C	23°C F-CLCC T2 GTX980	6 🚖 🔿 Custom	255 ≑	1890 ≑ 📕 30 400,35 800,40 1200,45 1600,50 2000
R-CLCC Fan 6	475	474	473	- 🗌 8E 30°C	30°C F-CLCC T1 R9 295x2	6 ≑ 🔿 Custom	100 🗢	500 💠 📕 40 700,45 800,50 900,55 1000,60 1100
H100 Fan 1	738	739	707	779 🛛 8F	17°C H100 Water Temp	6 🗢 🔿 Custom	50 ≑	650 🚖 📕 20 650,22 800,24 900,26 1000,28 1200
H100 Fan 2	789	661	406	880 🗌 8F	17°C H100 Water Temp	6 🚖 🔿 Custom	66 ≑	650 🚔 📕 20 650,22 800,24 900,26 1000,28 1200
H100 Fan 3	799	657	364	1,209 BF	17°C H100 Water Temp	6 🚖 🔿 Custom	26 ≑	650 ≑ 📕 20 650,22 800,24 900,26 1000,28 1200
H100 Fan 4	982	670	565	- 8F	17°C H100 Water Temp	6 🚖 🔿 Custom	41 ‡	650 ≑ 📕 20 650,22 800,24 900,26 1000,28 1200
H100 Pump	1,058	1,063	1,049	1,073 🗌 83	17°C H100 Water Temp	0 🗢 🔿 Fixed PWM	255 🗢	0 💠 📕 25 400,30 800,35 1200,40 1600,45 2000
HX1000i Fan 1	0	-	-	- 🗌 01	33°C HX1000i Temp 1	0 😫 🔿 Fixed PWM	0 🖨	0 🚖 📕 35 27,40 30,45 40,50 60,55 80,60 100
Saved Profile	100	F-CLCC Fan	1 Custom	Setup Point	1 Point 2 Point 3 Po	oint 4 Point 5 Point 6	Unit	http://forum.corsair.com/forums/showthread.php?p=757703
O PWM 255 ≑		Temperatu	ire 30°C F-	CLCC T1 R9 295x2 30	35 € 40 €	45 \$ 50 \$ NA	≑ °C	Firmware issues with CLCC 1.1.06.
○ RPM 2000 ≑ (	CORSAIR	Coolers 11	of 18 - Far	Speed 400	€ 800 € 1200 € 1	600 🗢 2000 🗢 NA	¢ RPM	SIV64X does workarounds when -AIOCTL is specified.
ОК ∣▼ Сору  ▼	Reset	Apply	Save	Status 🛛 🕶 Link Statu	IS Link Fans Link LEDs	Link Power Link Update L	ink Setup	Link Devices Network I

After finding a good PWM value switch back to **Custom** mode (6), confirm the PWM is correct and press **[Apply]** to test your settings. Finally press **[Save]** to save settings in the registry.

Tip: Typically when the PWM value is too low the fan will keep jumping to full speed.

# **Configuring LEDs**

Use [Status] ▼]->Link LEDs to setup the LED configuration

🌎 [AIO Link LEDs] <- SIV64X - Sys	tem Information	Viewer V5.21 Beta-16 ZEN::lic								
RGB LED Description and Type	Mode F/B	Feedback Temperature	LED Display hode	Rate Colour #0	Colour #1	Colour #2	Colour #3	Cool Warm Hot	Direction	Colour
R-CLCC LED 1	🗌 0C7 49°C	Synthetic GPU 49°C	3 🗧 Temperature	11 🜩 FF00FF	FF0000	FFFF00	FF00FF	20 25 28 28 28		-
CLLN LED 1	0C7 33	T1 CPU 33°C	3 🚖 Temperature	11 00C03F	FF0000	00FF00	0000FF	20 1 30 1 50 1		□- I
CLLN LED 2	□ 0C7 <u>3</u> °C	T1 CPU 33°C	3 🖨 Temperature	11 🗢 00DA25	FF0000	00FF00	0000FF	2 🗘 30 🗢 50 🗢		-
CLCP LED 1 [ RGB 10 LED Items ]	<u>□∕ 2</u>	CLCP Temp 1 34°C	10 🜩 Marquee	2 0000	FF0000	00FF00	0000FF	\$ 30 € 50 €		
CLCP LED 2		CLCP Temp 1 34°C	9 🗢 🚺	FF0000	FF0000	00FF00	0000FF	30 \$ 50 \$		Random
CLCS LED 1 [ RGB 10 LED It		T1 CPU 33°C	5 🖨 🦷 👔	2 🜩 FF0000	FF0000	00FF00	0000FF	30 ÷ 50 ÷	Reverse	· -
CLCS LED 2		T1 CPU 33°C	4 🗘 🖊	2 🜩 FF0000	FF0000	00FF00	0000FF	30 \$ 50 \$		-
LNP-1a LED 1 [ RGB 10 LED	33°C	CPU-0 Temp 33°C	3 🖨	2 💠 FF0000	FF0000	00FF00	0000FF	50 0 00	- 🔪	
LNP-1a LED 2	0C7 33°C	CPU-0 Temp 33°C	3 💠 Temperature	2 💠 FF0000	FF0000	00FF00	0000FF	40 - 50 - 60 -	i - 🛛	
LNP-2a LED 1 [ RGB 10 LED Items	s 🗌 0C7 33°C	CPU-0 Temp 33°C	3 🖨 Temperature	2 💠 FF0000	FF0000	00FF00	0000FF	40 \$ 50 \$ 60 \$	□ - <b>□</b>	
LNP-2a LED 2	0C7 33°C	CPU-0 Temp 33°C	3 💠 Temperature	2 💠 FF0000	FF0000	00FF00	0000FF	40 \$ 50 \$ 60 \$	☑ -	
OK I▼ Copy I▼ Reset	Apply	Save Status I+ Link S	itatus 🛛 Link Fans I🛨 🛛 Lin	nk LEDs I <del>v</del> Link Powe	r Link Setup	Main I <del>v</del>				

- 1 Select Mode (Temperature as example is 3) With the right mouse button a popup menu will appear
- 2 Select the Temperature source to control the LEDs colour.
- 3 Set the temperatures for the colours changes.
- 4 Setup the RGB colour values for each colour by doing Right/Click on the colours.
- 5 The Corsair Link Commander Pro (**CLCP**) + Corsair Lighting Node Pro (**CLNP**) have more LED Modes.
- 6 Press [Apply] to test your settings. Press [Save] to save them in your registry.

SIV is now setup to control Corsair Link LED hardware.

For the CLCP + CLNP first set the port LED types and items.

See <a href="http://forum.corsair.com/forums/showthread.php?p=892389">http://forum.corsair.com/forums/showthread.php?p=892389</a> to update the CLNP firmware without CL4.

### Configuring the CLCP + CLNP Port LED Types, Items and Brightness

Use [Status |▼]->Configure->Link Setup to setup the port LED types.

- 1 Select the CLCP or CLNP Port LED Type
- 2 Setup the number of items connected to the port.
- 3 Set the overall port brightness
- 4 Press [Apply] to test your settings. Press [Save] to save your settings to the registry

When a Delta time is specified and the temperature increase is greater than the Delay Trigger Delta, the temperature will not be updated until the Delta time has elapsed.

Tip: This is typically used to prevent fans increasing speed when a CPU temperature spikes for a few seconds.

### **Configuring Synthetics**

#### Click on [Status|▼]->Configure->Synthetic Setup to

configure multiple sensors to control fan custom curves or LED colours.

STUDIX ALO LINK	Setup on \\ZEN - \	Vindows 10 >	64 Professiona	al V10.00 Bu	ild 16299 RS	3		
Description	Seconds	Supported [	)evices					
Default hold-off	30 🖨	GRID+ + H1	15i + H110iGT	X + H100iV2	+ H100iGTX -	- H80iV2 +	H80iGT	
Radical hold-off	0	CLCP + CLCO	C + CLCN + H1	10	100i + H	100 + H80	i + H80 + H0:	x5(
PSUs hold-off	30 ≑	All AXi + all H	HXi + all RMi					
Link Status	64 🖨	Default Pane	el Height					
Link Fans	64 🖨							
Link LEDs	65 🖨					_		
Link Power	64 韋							
Link Devices	64 🖨							
Link Setup	64 ≑							
Transfer Test Limit	10000 🖨	All Asete	coolers					
		_ 4						
Transfer Timeout	250 🚖	Most A	Reads and Wr	ites, but a fe	devices for	e a longer	timeout	
Transfer Timeout mA per RGB LED	250 🗢	Per V o s	Reads and Wr caling for all 5	ites, but a fe Volt WS29	devices for addressable	te a longer 5050 RGB I	timeout LED Stri	2
Transfer Timeout mA per RGB LED Maringen Ampient	250 🖨	Per V o s	Reads and Wr caling for all 5 Ambient Tem	ites, but a fa Volt WS29 a peratury kow	devices foro addressable red	te a longer 5050 RGB I	timeout LED Str	5
Transfer Timeout mA per RGB LED Maria ann annoient Delay Trigger Delta	250 € 60 € 50 € 3 €	Per V o s Per V o s Manager Sum	Reads and Wr caling for all 5 Ambient Tem emperature d	ites, but a fo Volt WS29 (A peratury now elta to trigger	devices ford addressable ed a delay	te a longer 5050 RGB I	timeout LED Str	
Transfer Timeout mA per RGB LED Maria and Annoient Delay Trigger Delta	250 🔄 60 🐳 3 🐳	Per V b s	Reads and Wr caling for all 5 Ambient Tem emperature d	ites, but a fe Volt WS29 a peratury slow elta to trigger	addressable addressable a delay	te a longer 1 5050 RGB I	timeout LED Sta	
Transfer Timeout mA per RGB LED Matician Ampient Delay Trigger Delta CPU Package Co	250 € 60 € 3 €	Most AV Per V o s minimum Coolant	Reads and Wr caling for all 5 Ambient Tem emperature d Pump Speed	ites, but a fe Volt WS29 peraturg now elta to triggen	devices forces addressable red ra delay	te a longer 1 5050 RGB I	timeout LED Str	
Transfer Timeout mA per RGB LED Marie am Ambient Delay Trigger Delta CPU Package Co CPU-0	250 € 60 € 3 € 0ant Temperature H100 RAD Wyter	Most AV Per V o s minimum Coolant T H100	Reads and Wr caling for all 5 Ambient Tem emperature d : Pump Speed ) Pump	ites, but a fe Volt WS29 va perature now elta to trigger	devices ford addressable ed · a delay	te a longer 1 5050 RGB I	timeout LED Str	
Transfer Timeout mA per RGB LED Marcount Antibient Delay Trigger Delta CPU Package Co CPU-0 Description CLU	250 € 60 € 50 € 3 € 0lant Temperatu H100 RAD Writer C Port LED Type	Most AV Per 142 s unimum Coolant T H100	Reads and Wr caling for all 5 Ambient Tem emperature d : Pump Speed ) Pump tems Amps	ites, but a fo Volt WS2844 perature now elta to trigger Brightness	devices ford addressable ed a delay Controller	te a longer 1 5050 RGB I	timeout LED Str	5
Transfer Timeout mA per RGB LED Delay Trigger Delta CPU Package Co CPU-0 Description CLU CLCP (4) 133	250 € 60 € 50 € 3 € 0lant Temperature H100 RAD Water C Port LEO Type RGB 20 LE	Most AI Per Leo s rum Coolant T H100 D Items	Keads and Wr caling for all 5 Ambient Tem emperature d : Pump Speed ) Pump tems Amps 1 1 1.20	ites, but a fe Volt WS2504 perature now elta y crigger Brightness 66 🔄 %	devices ford addressable ed a delay Controller v 0.7.199	Loader V0.003	Bridge V0.0.07	
Transfer Timeout mA per RGB LED Maria an Antoient Delay Trigger Delta CPU Package Co CPU-0 Description CLU CLCP (4) 13 CLCS (4) 13	250 € 60 € 50 € 100 RAD Writer C Port LEO Type RGB 20 LE RGB 20 LE	Most AV Per Ver s Coolant T H100 D Items D Items	Reads and Wr caling for all 5 Ambient Term emperature d Pump terms Amps 1 ↔ 1.20 1 ↔ 1.20	ites, but a fe Volt WS281 peraturt now elta 1 trigger Brightness <u>66 🔤</u> % <u>66 🔤</u> %	devices ford addressable ed a delay Controller v 0.7.199	Loader V0.0.03	Bridge V0.0.07	
Transfer Timeout mA per RGB LED More conventionent Delay Trigger Delta CPU Package Co CPU-0 Description CLU CLCP (4) 13 CLCS (4) 13 CLNP (1) 8	250 € 60 € 50 € 3 € 0 ant remperat. H100 RAD Wreer C Port LFO Type € RGB 20 LE € RGB 20 LE € RGB 20 LE	Most Al Per U o s um nimum Coolant T H100 D Items D Items D Items D Items	Reads and Wr caling for all 5 Ambient Term emperature d Pump terms Amps 1 ↔ 1.20 1 ↔ 1.20 2 ↔ 1.20	ites, but a fa Volt WS281 peraturt now elta Xetrigger Brightness 66 € % 66 € %	devices ford a addressable ed a delay Controller v V0.7.199 - v V0.5.104	Loader V0.0.03 - V0.2.00	Bridge V0.0.07	
Transfer Timeout mA per RGB LED Were unwartient Delay Trigger Delta CPU Package Co CPU-0 Description CLI CLCP (4) 13 CLCS (4) 13 CLNP (1) 8 CLNS (1) 8	250 € 50 € 3 € 1100 RAD W.ter C Port LEO Type € RGB 20 LE € RGB 10 LE € RGB 10 LE	Most Al Per U 2 s um Coolant Coolant T H100 D Items D Items D Items D Items D Items D Items	Reads and Wr         caing for all 5         Ambient Temperature d         emperature d         Pump Speed         0 Pump         tems       Amps         1 €       1.20         2 €       1.20         2 €       1.20         2 €       1.20	ttes, but a fa Volt WS2514 perature Now elta to trigget 66	devices ford a addressable ed ra delay Controller v V0.7.199 - v V0.5.104 -	Loader V0.2.00 -	Bridge V0.0.07 - V0.0.05 -	

🛉 州 [Synthetic	Setup] <- SIV64X - System	Information Viewer V5.1	9 Beta-20	ZEN::lic		- 🗆	×
SIV64X - Synt	hetic Setup on \\ZEN - \	Vindows 10 x64 Professi	onal V10	.00 Build 15063	RS2		
Current (3°C)	Delay SIV Name	User Name	Parts	Temperature	Component Temperature Selection	°C Offset An	nbient
16°C	0 🚖 🗹 Ambient	Ambient	1 ≑	16°C <- 19°C	TF OPT-1	-3 🖨 🗆	Base
€ <b>■</b> 40°C	0 € Sypthatic A	2	5 🗢	40°C <- 29% 40°C <- 35°C 40°C <- 34°C 40°C <- 27°C 39°C	GPU-0 GPU-1 F-CLCC T1 R9 295x2 F-CLCC T2 GTX980 F-CLCC T4 R9 VRM	11 ÷ 5 ÷ 6 ÷ 13 ÷ 0 ÷	Base Base Base Base Base
■ 31°C	0 🚖 🗹 Synthetic B	Synthetic Die	0 ≑	31°C 30°C <- 28°C 30°C 30°C <- 38°C 31°C 30°C <- 35°C	Samsung SSD 950 PRO 256GB (S G Samsung SSD 850 PRO 256GB ( 25: Samsung SSD 850 EVO 500GB 521. WD10EALX-008EA0 (WCATRC 1058 WD20EFRX-68EUZN0 (WCCC C4TE) WD5002AALX-00J37A0 (W AYUU66	L 0 ÷ 1 1 2 ÷ 1 J 0 ÷ 1 8! -8 ÷ 1 < 0 ÷ 1 5 -5 ÷ 1	Base Base Base Base Base Base
29°C	0 😫 🗹 Synthetic C	Synthetic CPU	3 ≑	46°C <- 42°C 46°C 46°C <- 42°C	CPU-0 T1 CPU CRC-0 Tctl		Base Base Base
■ 33°C	0 🖨 🗹 Synthetic D	Synthetic RAM	2 ≑	33°C 33°C <- 32°C	DIMM-0_1A DIMM-0_1B		Base Base
28°C	0 🔄 🗹 Synthetic E	Synthetic MB	4 🜩	28°C <- 51°C 28°C 28°C <- 33°C 27°C	TC PCH T2 System TG Temp R-CLCC T1 SOCKET	-7 ♥ ☑ 0 ♥ □ -5 ♥ □ 0 ♥ □	Base Base Base Base
33°C	0 🖈 🗹 Synthetic F	Synthetic VRM	4 🜩	32°C <- 25°C 28°C 32°C 33°C	T3 VRM TD VRM R-CLCC T3 UP VRM R-CLCC T4 VRM	7 ‡ 0 0 ‡ 0 0 ‡ 0	Base Base Base Base
0°C	0 🔃 🗹 Synthetic G	Synthetic G	2 ≑		NA NA		Base Base
OK I <del>v</del> C	Copy 🖃 Reset	Apply Save S	tatus I-	Link Fans I	Sensors I Synthetic LCD Setup	Help I <del>v</del>	

- 1 Set the group name
- 2 Set the number of sensors in the group
- 3 Select the temperature sensors
- 4 Set the difference with the highest sensor temperature group's (optional)
- 5 Press [Apply] to test your settings. Press [Save] to save your settings to the registry

# **Configuring GPU Fan Control**

Use [Machine|▼]->GPU Points to setup the GPU fan.

🔮 [GPI	J Points] <- SIV64X - System Ir	nformation Viewe	r V5.07 Beta	29 CHIEF::Lie	:							– 🗆 X
SIV64X	- GPU Custom Curve Points o	on \\CHIEF - Wind	dows 10 x6	4 Professiona	al V10.00	Build 10586	TH2					
📕 GPU	Selected Fan Control	Description	Current	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Unit	Bus-Numb-Fun	Device Holdoff 20 seconds
GPU-0	Custom Curve	Temperature	29°C	40 🖨	45 🗢	48 韋	50 🖨	55 🖨	60 韋	°C	7 - 00 - 0	GeForce GT 440 (Fermi)
		Fan Speed	52 %	52 🗢	55 ≑	60 ≑	75 🖨	90 🖨	100 🗢	PWM %	I.	
GPU-1	Temperature -	Femperature	30°C	30 🖨	40 😫	50 ≑	60 🖨	65 ≑	70 ≑	°C	5 - 00 - 0	AMD Vesuvius [Radeon R9 295 X2] (67)
	1	Fan Speed	0%	25 ≑		40 ≑	60 ≑	80 ≑	100 ≑	PWM %	i	
GPU-2	Temperature -> 7	Temperature	29°C	30 🖨	4	50 ≑	60 🖨	65 🖨	70 韋	°C	6 - 00 - 0	AMD Vesuvius [Radeon R9 295 X2] (67)
		Fan Speed	0%	25 ≑	3	40 ≑	60 ≑	80 ≑	100 ≑	PWM %	i	
ОК	I▼ Copy I▼ Reset	Apply Sa	ve Grap	hics I <del>+</del> GP	U Info	GPU SLI	▼ GPU Po	ints GPU	Lighs GPL	UCUDAI-	GPU MAP I▼	

- 1 Select the GPU and what kind of control you want, if a prefixed current or a custom (Custom)
- 2 Set the Temperature points and the corresponding PWM (0-100%) value for each point
- 3 Press [Apply] to test your settings by checking if the fan PWM % changes as expected. Press [Save] to save your settings to the registry

To setup Custom Curves you need to know the Minimum and Maximum PWM % for each GPU. These can be found in the **Cooler** section of the **[GPU Info]** panel clicking in **[Machine] ▼]->GPU Info** 

As example, for this GT440 the minimum PWM % is 52% and a value lower then this will not change the PWM %.



It's recommended to use Custom Curves or keep in default mode [Control Disabled]

Temperature -> nn°C set is only for backwards compatibility. When selected SIV will adjust the fan PWM % as required to try and keep the temperature on or below the specified value. This works best when the GPU load rarely changes.



# **Configuring LCD Panels**

From release 5.09 SIV can report monitoring information in configurable panels.



To start this feature, go to [Status |▼]->Configure->LCD Panel Setup and check the button to create an Emulated LCD Panel.



Each item has 3 colours associated it that are used depending on the current value. To setup navigate to [Status|▼]->Configure->LCD Panel Setup

- 1 Press the magenta blob to select the number of panels
- 2 Press the pink blob to set the information to be displayed
- 3 For CPU and GPU select the item by pressing the Salmon Pink blob to popup a selection menu
- 4 Press here to set the Font characteristics
- 5 Set the number of lines
- 6 Set the description width
- 7 Set panel opacity
- 8 Select to use a themed window

For every line is possible to set a colour range as follow:

- a Set the colour for the low level pressing the right mouse button
- b Set the value to have the colour change
- c Set the colour for the usual level
- d Set the value to have the colour change
- e Set the colour for the high level



#### Press [Apply] to test your settings. Press [Save] to save your settings to the registry

Tip: As example of configuration for the H100 fans I've set (fan range is 400 to 1800 RPM):

- > When the RPM fan is in range MIN to 1100, the colour is light blue (low level)
- When the RPM fan is in range 1101 to 1400 the colour is green (usual level)
- When the RPM fan is in range 1401 to MAX the colour is red (high level)

## Hardware Supported by SIV

The current hardware supported by SIV can be checked via the [Status]▼]->Link Limits panel which also indicates how busy the AIO Link worker thread is and allows you to check how much more Link Hardware can be supported.

🐇 [AIO L	.ink Limits] <	<- SIV64X - Syste	m Information	Viewer V5.26	ZEN::lic						- 🗆	×
SIV64X -	AIO Link Lin	nits on \\ZEN - \	Vindows 10 x6	64 Profession	nal V10.00 Build 16	299 RS3						
Sensors	Instances	AIO Link Device	e Sensors	Instances	AIO Link Device	Sensors	Instances	AIO Link Device	Sensors	Instances	AIO Link Devi	се
3	0 🖨	AK-1250	2	1 🖨	CLNP	5	0 🖨	H110i	17	0 🖨	RM550i	
4	0 ≑	Asetek-5	0	0 🖨	DIMM	5	0 🜩	H110iGT	17	0 🖨	RM650i	
4	0 🖨	Asetek-6	18	0 🖨	EDF550AWN	4	0 🖨	H110iGTX	17	0 🖨	RM750i	
32	0 🖨	AX760i	24	0 🖨	GRID+	4	0 🖨	H115i	17	0 🖨	RM850i	
36	0 🖨	AX850i	4	0 🖨	H0x50iGT	5	0 🖨	H115iPro	17	0 🖨	RM1000	li 👘
32	0 🖨	AX860i	4	0 🖨	H80	6	0 😫	H150iPro	2	0 🖨	RM PSU	
36	0 🖨	AX1000i	7	0 🖨	H80i	2	0 🖨	HUE+	16	0 🖨	TPG-04	50D
34	0 🖨	AX1200i	4	0 🖨	H80iGT	17	0 🜩	HX550i	16	0 🖨	TPG-05	50D
38	0 🖨	AX1300i	5	0 🖨	H80iPro	17	0 🖨	HX650i	16	0 🖨	TPG-06	50D
36	0 🖨	AX1500i	4	0 🖨	H80iV2	17	0 🖨	HX750i	16	0 🖨	TPG-07	50D
38	0 🖨	AX1600i	6	1 🖨	H100	17	0 🖨	HX850i	16	0	TPG-08	50D
1	0 🖨	CAFP	7	0 🖨	H100i	17	1 🖨	HX1000i	16	0 🖨	TPG-10	50D
11	1 🖨	CLCC	5	0 🖨	H100iGT	17	0 🖨	HX1200i	16	0 🖨	TPG-12	00D
9	0 🖨	CLCN	4	0	H100iGTX	3	0 🖨	Kraken	16	0	TPG-12	50D
14	1 🖨	CLCP	5	0 🖨	H100iPro	0	0 ‡	Link	16	0 🖨	TPG-16	00D
2	1 ≑	CLLN	4	0	H100iV2	1	0	O1000D				
Total	Devices	s Sensors	Delay Usa	ge % Su	pported 📕 USB + C	C-Link	Display Or	nly 🤱		NZ		
Current	e	55	495ms 📃 2	4 %	USB On	ly 📕	Display +	Full Control 🛛 🔏		GR	D+	2
Estimated	1 E	52	468ms 📃 2	3 %	SMBus 📃 C-Link C	)nly	Display +	Fan Control 🛛 🍟	′ 🔽			-
OK I	Copy I	✓ Status I	Link Status	Link Fans	I▼ Link LEDs I▼	Link Powe	r Link Upo	date Link Limits	Link Devic	es Main	▼	

## **Starting SIV automatically**

Once SIV is setup and controlling the hardware you may wish to run SIV automatically on system startup. To do this navigate to [Status]▼]->Configure->SIV Autorun.

Typically select -AIOCTL -SINGLE -TRAY and then press [Create].

Ō	🖄 [SIV Autorur	n] <- SIV64X - Syster	n Information Viewer V5.21 Beta-16 ZEN::lic - 🛛 🗙	
	SIV64X - SIV A	utorun on Login on	\\ZEN - Windows 10 x64 Professional V10.00 Build 15063 RS2	
L	Command	"C:\SIV\SIV64X.e	xe"	
L	Qualifiers	-AIOCTL -GPUCT	L	1
3:		<ul> <li>ADAPTERS</li> <li>AIOCTL</li> <li>AIOLED</li> <li>AIOBALLOON</li> <li>BLUE</li> <li>BOINC</li> <li>NOECR</li> <li>FREE</li> <li>GPUCTL</li> </ul>	Show [Adapters] on the initial screen Enable automatic AIO Link Control (Corsair + NZXT) Enable DIMM LED Reporting and Control (Corsair) Disable the display of Balloon Tool Tips Show [Bluetooth] on the initial screen On startup display the [BOINC Status] panel Disable Embedded Controller Reporting Show <free> unused USB Root Hub ports on [USB Bus] Enable GPU Fan Control and Overclocking</free>	Α ( 9 ο
		<ul> <li>-INDENT</li> <li>-LOCAL</li> <li>-NOLCD</li> <li>-NOLINK</li> <li>-SINGLE</li> <li>-NOTHEME</li> <li>-TRAY</li> <li>-WDF</li> <li>-NOWIZARD</li> </ul>	Indent [Buttons] to reflect hierarchy Limit SIV64X to the local system Disable use of LCD Panel Displays Disable use of AIO Link Hardware (Corsair + NZXT) Only allow a single instance of SIV64X to be active Disable use of Windows Themes on XP and later Start SIV64X minimised in the Icon Tray Enable the Windows Driver Framework (WDF) pages Disable the Wizard Cursors	
	Create Delete	schtasks / create / schtasks / delete /	tn "Start SIV" /sc onlogon /rl highest /tr "\"C:\SIV\SIV64X.exe\" -AIOCTL -GPUCTL tn "Start SIV"	
	OK I▼ Co	opy I <del>▼</del> Tune I•	▼ Qualifiers Autorun Scheduler I▼ Setup I▼ About I▼ Help I▼	

### Updating to a new SIV release

When there is a new release or a beta release of SIV a panel will pop up to tell you this.



#### Press [ http://rh-software.com/downloads/siv.zip ] and the new release will be downloaded.

☆ [Loading Main ZIP] <- SIV64X - System Information Viewer V5.04 RED::ray	
Updating C:\Program Files\siv\siv.zip From URL http://sivkit.96.lt/siv.zip	
Loaded 5,564,971 of 5,564,971 bytes in 1.3 Seconds Overall 4.22 MB/sec, Latest 4.22 MB/sec (5434.54 KB in 1.25 sec)	
Updated C:\Program Files\siv\siv.zip	
OK I Copy I Reload I Cancel Load MON Load PCI Load PCM Load PNP Load USB Main ZIP About I Help I	]

#### Once complete, press [ C:\Program Files\siv\siv.zip ] and the files will be extracted.

🐇 [siv.zip] <- SIV64X - System Information Viewer V5.04 RED::ray
Extracting fromC:\Program Files\siv\siv.zip
Extracting 18 files from C:\Program Files\siv\siv.zip to C:\Program Files\siv\ Extracted file SIV64X.exe 4.70MB in 0.1 Seconds and a total of 12.62MB in 0.6 Secon Click here
Extracted file SIVRES.dll 2.66MB in 0.1 Seconds and a total of 15.91MB in 0.9 Second
Extracted file SIVX64.sys 156.20KB in 0.1 Seconds and a total of 16.18MB in 1.0 Second Extracted file usbdevs.txt 1.41MB in 0.0 Seconds and a total of 17.59MB in 1.0 Second
Extracted file xxxdevs.bat 2.62KB in 0.0 Seconds and a total of 17.59MB in 1.0 Seconds
Extracted 18 of 18 files which total of 17.59MB in 1.0 Seconds. To use the new release exit and then restart SIV64X.
OK 🚽 Copy 🚽 Cancel Unzip SIV Unzip Beta Get SIV Get Beta About 🖃 Help 🖃

Finally to use the new release exit and then restart SIV64X.

### How to Switch and Save Profile Information

SIV supports saving of AIO + LCD configuration profiles and the small [Switching] panel can be used to quickly switch between these saved profiles.

Use [OK|▼]->Profile->Export Profile to export the configuration to a specified profile file and if you make further changes remember to save these.

### Specification for Asetek Cooler fan control.

- Every two seconds SIV calculates the target PWM % based on the temperature using the Custom Curve points. If the target PWM % is less than the current PWM % SIV will start counting down and if the countdown reaches zero will change the current PWM %. If the target PWM is >= to the current PWM % SIV will change the current PWM % and reset the countdown. (same as for PSUs)
- 2. When the temperature drops below Point 1 the Point 1 PWM % will be used.

#### Asetek Pro

1. When the temperature is < Point 1 0% PWM is used.

### Specification for PSU fan control.

- Every two seconds SIV calculates the target PWM % based on the temperature using the Custom Curve points. If the target PWM % is less than the current PWM % SIV will start counting down and if the countdown reaches zero will change the current PWM %. If the target PWM is >= to the current PWM % SIV will change the current PWM % and reset the countdown (same as for Asetek Coolers).
- 2. The actual PWM % used is the maximum of the PWM % set by SIV and what the PSU firmware thinks the PWM % should be. So SIV can only ever make the fan spin faster than it would otherwise do.
- 3. When the temperature drops below Point 1 then SIV will effectively set 0% as is the situation below, note the fan has stopped. SIV does not actually set 0 %, but rather tells the PSU to use the default mode of fan control, so if you set Point 1 as say 80°C the fan would still spin.

[AIO Link Fans] <- SIV64X - Sys	tem Information Viewer V5.07 Beta-36		
Description Current	Average Minimum Maximum Mo	de F/B Feedback Temperature Fan Co M	ode PWM RPM Custom Points Asetek 30 PSUs 30 seconds
HX1200i Fan 1 0	479 368 524 🗌	IB 29°C 📕 29°C HX1200i Temp 2 🛛 📑 🚔 🖲	Custom 27 🖈 0 🚖 🖬 30 27,35 30,40 31,45 32,50 50,55 85
Saved Profile	HX1200i Fan 1 Custom Setup	Point 1 Point 2 Point 3 Point 4 P	int 5 Point 6 Unit
© PWM 255 🔶	Temperature 29°C HX1200i Temp 2	30 🗢 35 🗢 40 🗢 45 🖨	50 🗢 55 🖨 °C
© RPM 790 ≑	Fan + Pump 1 of 1 - Fan Speed	27 🔿 30 🗢 31 🖨 32 🖨	50 🔿 85 🔿 PWM %
OK IT Copy IT Reset	Apply Save Status I	ink Status) Link Fans Link Lights (Link Powe	Link Update Link Devices Network 💌 PCI Bus 🔍 Hide 🔍

Revision history				
Date	ID	Comment		
20-Nov-2015	1.11	Initial release		
06-Feb-2016	1.13	Added Configuring GPU fan control		
10-Feb-2016	1.14	Added specification for Asetek cooler and PSU Fan control		
24-May-2016	1.15	Added LCD setup		
17-Jan-2017	1.16	Added information and corrected some typos		
28-Feb-2017	1.17	Update [AIO Link Limits] picture and corrected some typos		
29-Apr-2017	1.18	Update [AIO Link Fans] Custom mode and added CLNP on [AIO Link LEDs]		
14-Jul-2017	1.19	Added CLCP control, profile functions, updated [AIO Link LEDs], [AIO Link Fans], [AIO Link Setup] and [AIO Link Limits]		
11-Dec-2017	1.20	Updated compatibility information for CL versions		
14-Dec-2017	1.21	Updated picture of Link Limits for added hardware compatibility		
29-Mar-2018	1.22	Updated picture of Link Setup		
28-Aug-2018	1.23	Updated Asetek Pro section Fan cooler control		