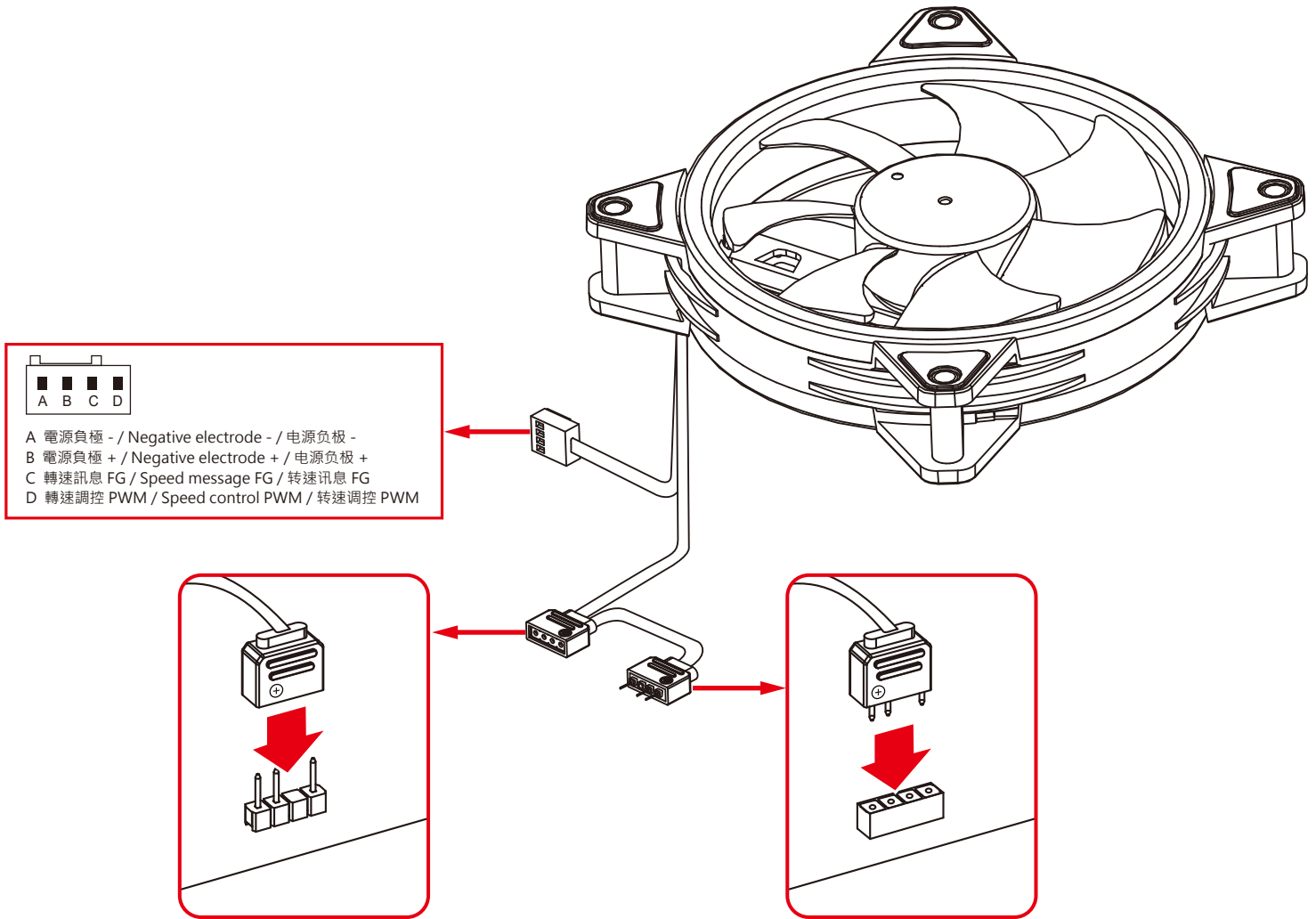


◀ 安裝方式/Installation/安装方式



Specification	
Measurement	120x120x25mm
Rated Voltage	Fan:DC 12V / LED:DC 5V
Operation Voltage	7V~13.2V
Starting Voltage	≤7V
Rated Current	Fan:0.16~0.17A(MAX) / LED:0.9~1.1A(MAX)
Power Consumption	Fan:1.92~2.04W(MAX) / LED:2.0~2.3W(MAX)
Fan Speed	800~1800RPM±10%
Max Airflow	45~50CFM(Max)
Air Pressure	1.3~1.6mmH2O(Max)
Noise Level	25~28dBA(Max)
Life time	30000 Hours
No. of Blades	7
Bearing Type	Hydro Bearing
Power Connector	PWM 4pin header / DRGB 5V 3pin header

風扇規格	
尺寸	120x120x25mm
額定電壓	Fan:DC 12V / LED:DC 5V
工作電壓	7V~13.2V
啟動電壓	≤7V
額定電流	Fan:0.16~0.17A(MAX) / LED:0.9~1.1A(MAX)
功率消耗	Fan:1.92~2.04W(MAX) / LED:2.0~2.3W(MAX)
轉速	800~1800RPM±10%
風量	45~50CFM(Max)
風壓	1.3~1.6mmH2O(Max)
噪音	25~28dBA(Max)
壽命	30000 Hours
葉片數	7
軸承	Hydro Bearing
連接器	PWM 4pin header / DRGB 5V 3pin header

風扇規格	
尺寸	120x120x25mm
額定電壓	Fan:DC 12V / LED:DC 5V
工作電壓	7V~13.2V
启动电压	≤7V
額定電流	Fan:0.16~0.17A(MAX) / LED:0.9~1.1A(MAX)
功率消耗	Fan:1.92~2.04W(MAX) / LED:2.0~2.3W(MAX)
轉速	800~1800RPM±10%
风量	45~50CFM(Max)
风压	1.3~1.6mmH2O(Max)
噪音	25~28dBA(Max)
壽命	30000 Hours
叶片数	7
轴承	Hydro Bearing
连接器	PWM 4pin header / DRGB 5V 3pin header



注意·跑水前·請先確認所有零件已安裝在正確的位置上·在不開主機·單開水泵的情況下·進行24小時的跑水測試·確保無漏水情況後再開主機·避免發生漏水而導致電腦零件的損壞。
 Before filling in the water, please make sure all the components are installed correctly. To prevent any leakage which may damage the PC components, please perform a 24-hour leaking test with only the pump connected to the power supply.

注意·跑水前·請先确认所有零件已安装在正确的位置上·在不开主机·单开水泵的情况下·进行24小时的跑水测试·确保无漏水情况后开主机·避免发生漏水而导致电脑零件的损坏。

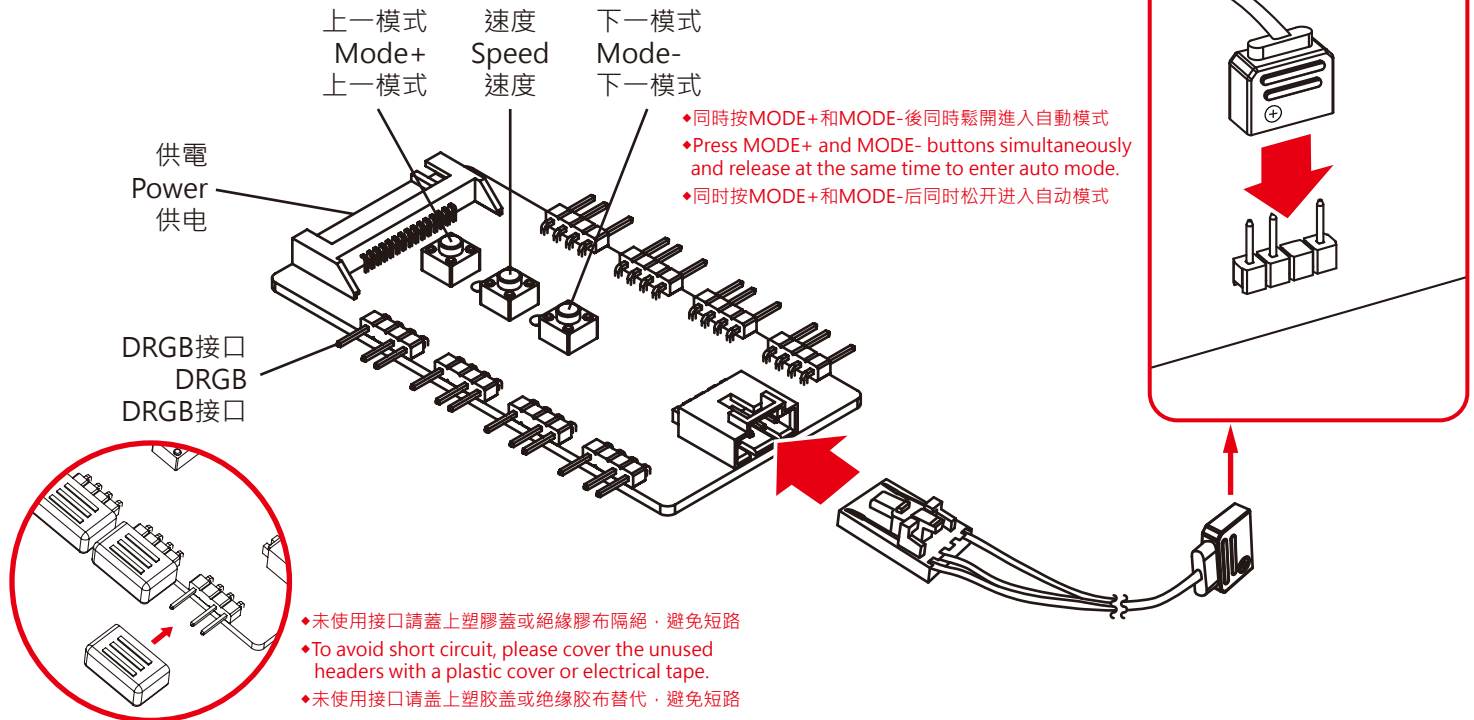
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Digital RGB Multi Function Controller

◀ 安裝方式/Installation/安装方式



此DRGB控制器作用是擴展主板上不足的RGB接口，一個DRGB接口可分出八個，用於統一控制多個支援主板燈效的風扇和燈條等設備；同時，控制器具備自有的燈光效果，可透過控制器上的按鍵來切換。

注意事項:

- 1: 此控制器不能提升主板DRGB接口的額外供電能力，一般DRGB接口最少能提供 $5V \times 1A = 5W$ 供電能力，建議連接DRGB燈條總長度不要超過1米，若接口負載過大後出現燈光亮度明顯變暗的情況，則需要減少設備。此控制器不能與主板的燈光軟件同步。
- 2: 接線技巧——牢記接頭上的箭頭標誌對應DRGB接頭的5V針腳。
- 3: 在獨立使用控制器時，請只接SATA端口。

規格:

工作電壓：直流電壓5V輸入
 功率：小於1W

The DRGB controller is used to expand the amount of DRGB header of the motherboard. The controller can expand one DRGB header into eight, and control multiple fans and LED strips compatible light effects controlled by the motherboard. In addition, the controller has its own lighting effects, which can be controlled by the buttons found on the controller.

ATTENTION:

- 1: The controller can't increase the power supply of the DRGB header from the motherboard. A standard DRGB header can provide $5V \times 1A = 5W$ of power. It is recommended that the combined length of the LED strip connected to the controller be shorter than 1 meter. If the DRGB header is overloaded, the brightness of the light will be reduced considerably. To restore the brightness, some items plugged to the controller must be removed. This controller is not compatible with the motherboard LED software.
- 2: Connection tip - Keep in mind that the arrow marks on the connector corresponds to 5V pin for the DRGB headers.
- 3: When using the controller separately, please connect to a SATA port only.

Specifications:

Operating voltage: DC 5V input
 Power: Less than 1W

此DRGB控制器作用是擴展主板上稀缺的RGB接口，一個DRGB接口分出八個，用於統一控制多個支持主板調光的風扇和燈帶等設備；同時，控制器自帶燈光效果，可透過按鍵進行燈光效果選擇操作。

注意事項:

- 1: 此控制器不能提升主板DRGB接口的額外供電能力，一般DRGB接口最少能提供 $5V \times 1A = 5W$ 供電能力，建議連接DRGB燈帶總長度不要超過1米，若接口負載過大後會出現燈光亮度變暗則需要減少設備。此控制器不能與主板的燈光軟件同步。
- 2: 接線技巧——牢記插頭上的箭頭標誌對應DRGB插針5V。
- 3: 在獨立使用控制器時，請只接SATA端口。

參數:

工作電壓：DC5直流電壓輸入
 功耗：小於1W



注意：跑水前，請先確認所有零件已安裝在正確的位置上，在不開主機，單開水泵的情況下，進行24小時的跑水測試，確保無漏水情況後再開主機，避免發生漏水而導致電腦零件的損壞。
 Before filling in the water, please make sure all the components are installed correctly. To prevent any leakage which may damage the PC components, please perform a 24-hour leaking test with only the pump connected to the power supply.

注意：跑水前，請先確認所有零件已安裝在正確的位置上，在不開主機，單開水泵的情況下，進行24小時的跑水測試，確保無漏水情況後再開主機，避免發生漏水而導致電腦零件的損壞。

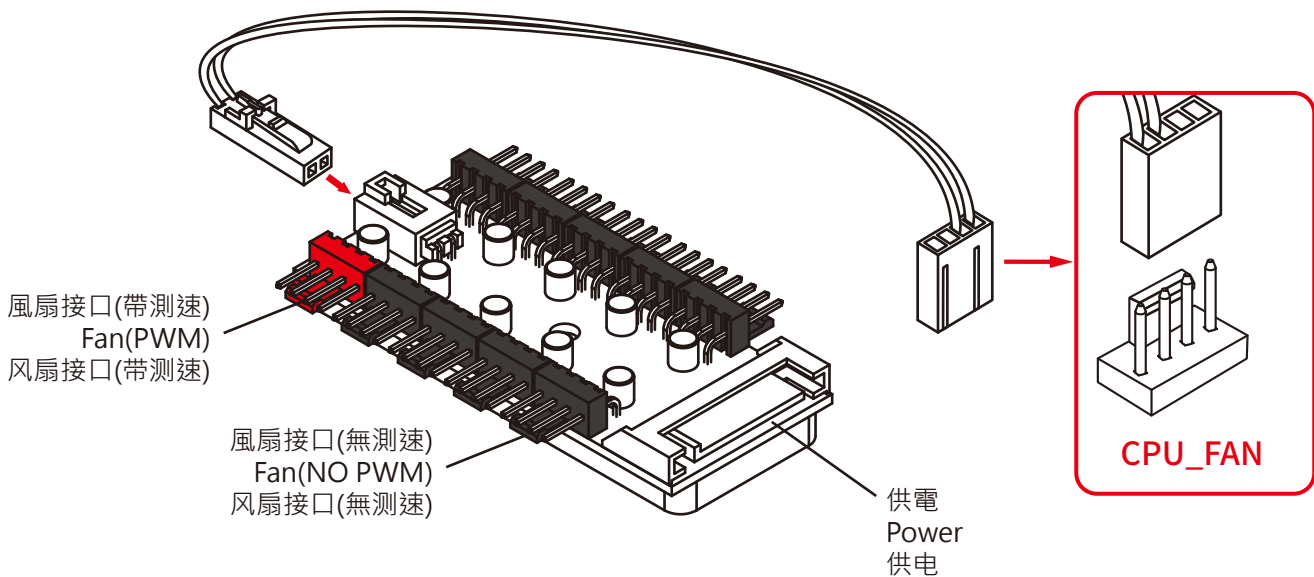
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PWM FAN Multi Function HUB

◀ 安裝方式/Installation/安装方式



- 1 : 擴展10位風扇4針接口，解決主板接口不足，以及集中處理風扇線材
- 2 : PWM接口接主板CPU_FAN接口，紅色接口帶測速功能。黑色接口為PWM常規風扇接口（無測速信號，但不影響PWM功能）
註：避免測速混亂，電腦死機，一個接口拓展出來的多路接口，只顯示其中一路風扇的測速
- 3 : 供電可以用電源直接供電，可以減輕主板負載壓力，溫控線PWM從主板分開接，供電和溫控兩不誤
- 4 : 適用於12V 主板3pin/4pin風扇。（3pin風扇也可以使用，但插上是全速運轉，因為3pin風扇無PWM調速功能）
- 5 : 集線器後面帶有3M背膠，方便粘貼在平整的地方。也帶有一個固定鏤絲孔位

- 1 : The PWM FAN Multi Function HUB solves the problem of insufficient motherboard fan headers by expanding a single 4-pin fan header into a consolidated 10 headers solution, allowing centralized management of all fan wires.
- 2 : Make sure the PWM interface is connected to the CPU_FAN header of the motherboard. The red pin header on the hub is equipped with speed measurement function while the black headers are PWM conventional fan headers (no speed measurement signal, but does not affect the PWM function).
Note : As one interface is extended into a multi-channel interface, only one of the fans speed is shown in order to avoid fan speed mismanagement and computer crashes.
- 3 : Power to the hub can be directly provided from the PSU to reduce the load pressure on the motherboard. The temperature control line PWM is then separately connected to the motherboard in order to provide accurate power and temperature control.
- 4 : Compatible with the motherboard's 12V 3-pin and 4-pin fan header. (If connected to the motherboard's 3-pin fan header, the hub's fans will run at full speed as the 3-pin fan header doesn't provide PWM speed control capabilities.)
- 5 : 3M adhesive tape is provided on the back of the hub for easy placement of the hub on a flat surface. A screw hole is also available to secure the hub in place.

- 1 : 扩展10位风扇4针接口，解决主板接口不足，以及集中处理风扇线材
- 2 : PWM接口接主板CPU_FAN接口，红色接口带测速功能。黑色接口为PWM常规风扇接口（无测速信号，但不影响PWM功能）
注：避免测速混乱，电脑死机，一个接口拓展出来的多路接口，只显示其中一路风扇的测速
- 3 : 供电可以用电源直接供电，可以减轻主板负载压力，温控线PWM从主板分开接，供电和温控两不误
- 4 : 适用于12V 主板3pin/4pin风扇。（3pin风扇也可以使用，但插上是全速运转，因为3pin风扇无PWM调速功能）
- 5 : 集线器后面带有3M背胶，方便粘贴在平整的地方。也带有一个固定鏤丝孔位



注意：跑水前，請先確認所有零件已安裝在正確的位置上，在不開主機，單開水泵的情況下，進行24小時的跑水測試，確保無漏水情況後再開主機，避免發生漏水而導致電腦零件的損壞。

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注意：跑水前，请先确认所有零件已安装在正确的位置上，在不开主机，单开水泵的情况下，进行24小时的跑水测试，确保无漏水情况后开主机，避免发生漏水而导致电脑零件的损坏。

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