

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



**WARNING!** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

#### IMPORTANT NOTE:

**Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented in this manual.



**WARNING!** This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 31 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

#### Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with Innovation, Science and Economic Development Canada licence exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. CAN ICES-003(B)/NMB-003(B)

#### Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5150–5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux. CAN ICES-003(B)/NMB-003(B)

#### NCC警告

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」應避免影響附近雷達系統之操作。

#### 安全說明：

- 請在溫度為 0° C (32° F) 至 40° C (104° F) 之間的環境中使用本產品。

- 請依照產品上的電源功率貼紙說明使用正確的電源變壓器，如果使用錯誤規格的電源變壓器有可能會造成內部零件的損毀。
- 請勿將產品放置於不平坦或不穩定的表面，若產品的機殼毀損，請聯絡維修服務人員。
- 請勿在產品上放置其他物品，請勿將任何物品塞入產品內，以避免引起元件短路或電路損毀。
- 請保持機器在乾燥的環境下使用，雨水、濕氣、液體等含有礦物質將會腐蝕電子線路，請勿在雷電天氣下使用數據機。
- 請勿堵塞產品的通風孔，以避免因散熱不良而導致系統過熱。
- 請勿使用破損的電源線、附件或其他周邊產品。
- 如果電源已毀損，請不要嘗試自行修復，請將其交給專業技術服務人員或經銷商處理。
- 為了防止電擊風險，在搬動主機之前，請先將電源線插頭暫時從電源插座上拔除。
- 警告：為避免電磁干擾，本產品不應安裝或用於住宅環境。

#### Safety Notices

- Use this product in environments with ambient temperatures between 0°C (32°F) and 40°C (104°F).
- Refer to the rating label on the bottom of your product and ensure your power adapter complies with this rating.
- DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.
- DO NOT place or drop objects on top and do not shove any foreign objects into the product.
- DO NOT expose to or use near liquids, rain, or moisture. DO NOT use the modem during electrical storms.
- DO NOT cover the vents on the product to prevent the system from getting overheated.
- DO NOT use damaged power cords, accessories, or other peripherals.
- If the Adapter is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system.
- DO NOT mount this equipment higher than 2 meters.

#### Consignes de sécurité

- Utilisez ce produit dans un environnement dont la température ambiante est comprise entre 0°C (32°F) et 40°C (104°F).
- Référez-vous à l'étiquette située au dessous du produit pour vérifier que l'adaptateur secteur répond aux exigences de tension.
- NE PAS placer sur une surface irrégulière ou instable. Contactez le service après-vente si le châssis a été endommagé.
- NE PAS placer, faire tomber ou insérer d'objets sur/dans le produit.
- NE PAS exposer l'appareil à la pluie ou à l'humidité, tenez-le à distance des liquides. NE PAS utiliser le modem lors d'un orage.
- NE PAS bloquer les ouvertures destinées à la ventilation du système pour éviter que celui-ci ne surchauffe.
- NE PAS utiliser de cordons d'alimentation, d'accessoires ou autres périphériques endommagés.
- Si l'adaptateur est endommagé, n'essayez pas de le réparer vous-même. Contactez un technicien électrique qualifié ou votre revendeur.
- Pour éviter tout risque de choc électrique, débranchez le câble d'alimentation de la prise électrique avant de toucher au système.
- NE PAS monter cet équipement à plus de 2 mètres.

The power supply cord(s) must be plugged into socket-outlet(s) that is / are provided with a suitable earth ground.

Los cables de alimentación se deben enchufar a tomas de corriente que estén provistas de una conexión a tierra adecuada.

#### 「產品之限用物質含有情況」之相關資訊，請參考下表：

| 單元                  | 限用物質及其化學符號 |        |        |                         |            |              |
|---------------------|------------|--------|--------|-------------------------|------------|--------------|
|                     | 鉛 (Pb)     | 汞 (Hg) | 鎘 (Cd) | 六價鉻 (Cr <sup>+6</sup> ) | 多溴聯苯 (PBB) | 多溴二苯醚 (PBDE) |
| 印刷電路板及電子組件          | -          | ○      | ○      | ○                       | ○          | ○            |
| 結構組件 (金屬/塑膠)        | ○          | ○      | ○      | ○                       | ○          | ○            |
| 其他組件 (如：指示燈/腳墊/散熱片) | ○          | ○      | ○      | ○                       | ○          | ○            |
| 其他及其配件 (如：電源供應器)    | -          | ○      | ○      | ○                       | ○          | ○            |

備考1. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。  
備考2. “-”係指該項限用物質為排除項目。

報驗義務人：華碩電腦股份有限公司

地址：台北市北投區立德路15號1樓

ASUS

# Quick Setup Guide

## 5-Port GbE Managed PoE+ Switch

## Conmutador PoE+ administrado por red GbE de 5 puertos

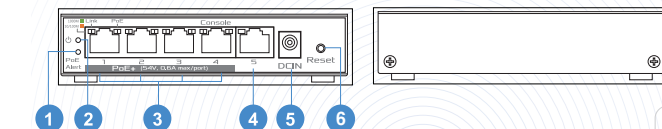
## 5 埠 GbE 智能網管型 PoE+ 交換器

# EBP15

## Switch Overview

## Vista general del conmutador

## 交換機概覽



1 PoE Alert LED

2 Power LED

3 PoE+ ports (Port 4 is a console port)

4 LAN port

5 Power (DCIN) port

6 Reset button

PoE 警示指示燈

電源指示燈

PoE+ 連接埠 (埠 4 為 Console 連接埠)

LAN 連接埠

電源 (DCIN) 連接孔

重置按鈕

\* For detailed information, please refer to <https://asus.click/ExpertWiFiEBP15>



## Specifications / 規格：

|                               |                                                                       |          |  |
|-------------------------------|-----------------------------------------------------------------------|----------|--|
| DC Power adapter<br>直流電源變壓器   | DC Output: +54V with max 1.25A current<br>DC 輸出: +54V 電壓 (最大電流 1.25A) |          |  |
| Operating Temperature<br>運作溫度 | 0-40°C<br>儲存溫度                                                        | -20-70°C |  |
| Operating Humidity<br>運作濕度    | 10-95%<br>儲存濕度                                                        | 5-95%    |  |
| PoE Type<br>PoE 類型            | 802.3at, Type 2, PoE+<br>802.3at、Type 2、PoE+                          |          |  |

| LED Indicators / LED 指示燈                 |                |                                 |     |
|------------------------------------------|----------------|---------------------------------|-----|
| Link/Act LED (Left)<br>Link/Act 指示燈 (左側) |                | PoE LED (Right)<br>PoE 指示燈 (右側) |     |
| 1G                                       | Green<br>綠色    | ON<br>燈亮                        | 綠色  |
| 100M/10M                                 | Amber<br>琥珀色   | OFF<br>燈滅                       | N/A |
| Sending or<br>Receiving data<br>傳送或接收資料  | Blinking<br>閃爍 |                                 |     |

## PoE Consideration

The PoE and PoE+ power supplied by the switch is prioritized in ascending port order, with a total PoE and PoE+ power budget of 60W across port 1 to port 4.

## PoE 注意事項

由交換機提供的 PoE 和 PoE+ 電源依照連接埠序優先排列，埠 1 到埠 4 的總 PoE 和 PoE+ 功率預算為 60W。

| Standard / 標準                                   | 802.af (802.3at Type1) PoE | 802.3at Type2 PoE+ | 802.3bt Type3 4PPE PoE or PoE++ |
|-------------------------------------------------|----------------------------|--------------------|---------------------------------|
| Max. power reserved by the device<br>裝置預留的最大功率  | 12.95w                     | 25.50w             | 51w                             |
| Max. power delivered to the device<br>裝置傳輸的最大功率 | 15.4w                      | 30w                | 60w                             |

- **Standalone Mode:** Configure and manage the switch individually.
- **ExpertWiFi AiMesh Mode (with ExpertWiFi router only):** Configure and manage the network devices centrally via ASUS AiMesh system. It is recommended for use in a network consisting of numerous devices such as ExpertWiFi routers, ExpertWiFi switches and ExpertWiFi access points.

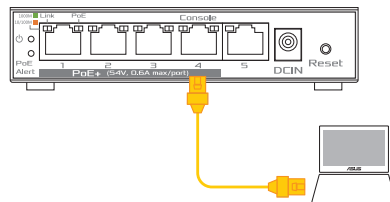
- **Modo Independiente:** Configura y gestiona el conmutador de forma individual.
- **Modo ExpertWiFi AiMesh (sólo con enrutador ExpertWiFi):** Configura y gestiona los dispositivos de red de forma centralizada a través del sistema ASUS AiMesh. Se recomienda para el uso en una red formada por numerosos dispositivos como enrutadores ExpertWiFi, conmutadores ExpertWiFi y puntos de acceso ExpertWiFi.

- 獨立模式：單獨設定和管理交換機。

- **ExpertWiFi AiMesh 模式（僅限 ExpertWiFi 路由器）：**透過華碩 AiMesh 系統集中設定和管理網路裝置，建議在由眾多裝置組成的網路中使用，例如 ExpertWiFi 路由器、ExpertWiFi 交換機和 ExpertWiFi 存取點。

Connect your computer to Port 4 (Console) on the switch, use the static IP address of 192.168.1.50 (switch IP), with a subnet mask of 255.255.255.0

Conecte su computadora al Puerto 4 (Consola) en el conmutador, utilice la dirección IP estática de 192.168.1.50 (switch IP), con una máscara de subred de 255.255.255.0



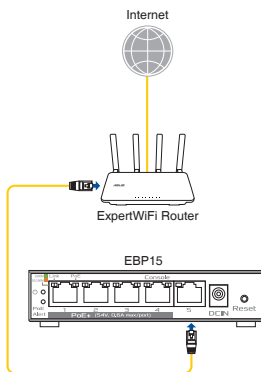
1) Scan the code and download ASUS ExpertWiFi app for setup  
Escanea el código y descarga la aplicación ASUS ExpertWiFi para la instalación  
掃碼下載華碩 ExpertWiFi 應用程式進行設定



- 2) Connect the port 5 of EBP15 to the LAN port of an ExpertWiFi router.

Conecta el puerto 5 del EBP15 al puerto LAN de un enrutador ExpertWiFi.

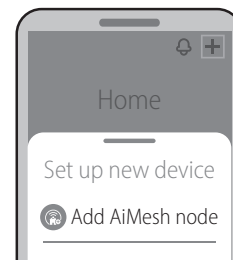
將 EBP15 的端口 5 連接到 ExpertWiFi 路由器的 LAN 連接埠。



- 3) Launch the ASUS ExpertWiFi app, click "+" on the upper right corner at the home page and then click "Add AiMesh node"

Inicio la aplicación ASUS ExpertWiFi, haz clic en "+" en la esquina superior derecha de la página de inicio y, por último, haz clic en "Añadir nodo AiMesh".

打開華碩 ExpertWiFi App，點選首頁右上角的「+」，然後點選「新增 AiMesh 節點」。



The availability of the product's software features depends on the main ExpertWiFi router and is managed by the ExpertWiFi app. Always keep the firmwares of the ExpertWiFi devices up to date.

La disponibilidad de las funciones de software del producto depende del enrutador ExpertWiFi principal y se gestiona mediante la aplicación ExpertWiFi. Mantenga siempre actualizados los firmwares de los dispositivos ExpertWiFi.

產品軟體功能的可用性取決於主 ExpertWiFi 路由器，並由 ExpertWiFi App 管理。請確保所有 ExpertWiFi 裝置的軟體保持為最新版本。

EBG15/EBP15

100mm

EBG19P

70mm

WALL

EBG15/EBP15

EBG19P

WALL

**IMPORTANT!** DO NOT mount this equipment higher than 2 meters.

**NOTE:** It is recommended to use screws with a size of PA5.7\*2mm.

**¡IMPORTANTE!** NO coloque este equipo a una altura mayor que los 2 metros.

**NOTA:** Se recomienda utilizar tornillos de tamaño PA5.7\*2mm.

**重要！** 本產品適用於安裝高度  $\leq 2\text{m}$ 。

注意：建議使用尺寸為 PA5.7\*2mm 的螺絲。

## ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for the detailed recycling information in different regions.

## REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>

**Federal Communications Commission Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.