

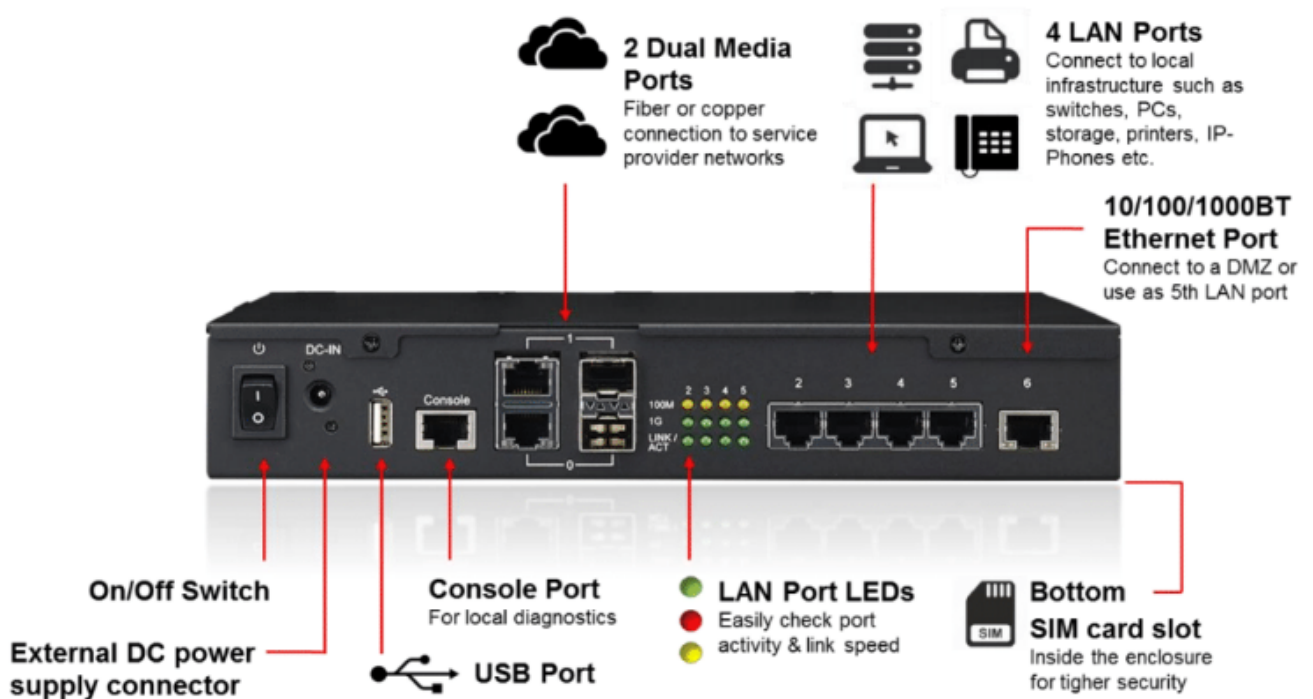
# Advantech ENPD product FAQ

## FWA-1010VC - Port0/1 dual media port behaviors

Applicable model list	FWA-1010VC / FWA-AAL1010VC
Model name version	N/A
BIOS Version	N/A

### Description:

FWA-1010VC supports Dual Media Ports (Fiber or Copper) connections. Fiber connection always has higher priority on these dual media ports due to hardware design. Following tables introduce LED/Link behaviors when cable is connected.



FWA-1010VC System Rear View

1. Which interfaces takes precedence? Fiber or Copper? If both copper and fiber are connected.  
>> [Fiber \(SFP\)](#)
2. Is this by Hardware design? If we want to reverse it, can we do it based on the software configuration?  
>> [Yes, Hardware Design. Configure by software is limited.](#)
3. Can you please send us the LED behavior for the dual-media ports for the following combinations  
>> [See below table , Fiber ports always take 1<sup>st</sup> priority](#)

Port 0 Cable		Port 0 LED / Link Status		Comments
Copper	Fiber	Copper	Fiber	
YES	No	ON	OFF	Only copper cable connected
No	Yes	OFF	ON	Only Fiber cable connected
Yes	Yes	OFF	ON	Fiber cable connected first and then copper cable is inserted
Yes	Yes	OFF	ON	Copper cable connected first and then Fiber cable is inserted
Yes	Yes	OFF	ON	Both cables are present/connected when the box is being powered on

**Example:**

If insert SFP transceiver or DAC cable into cage with copper (RJ45) port connected. Copper (RJ45) port gets down, and SFP port takes over the link, the traffic will switch to fiber port within few seconds.