ADVANTECH

Enabling an Intelligent Planet

FWA-1214 QSG

ESG Business Group

05/20 , 2025

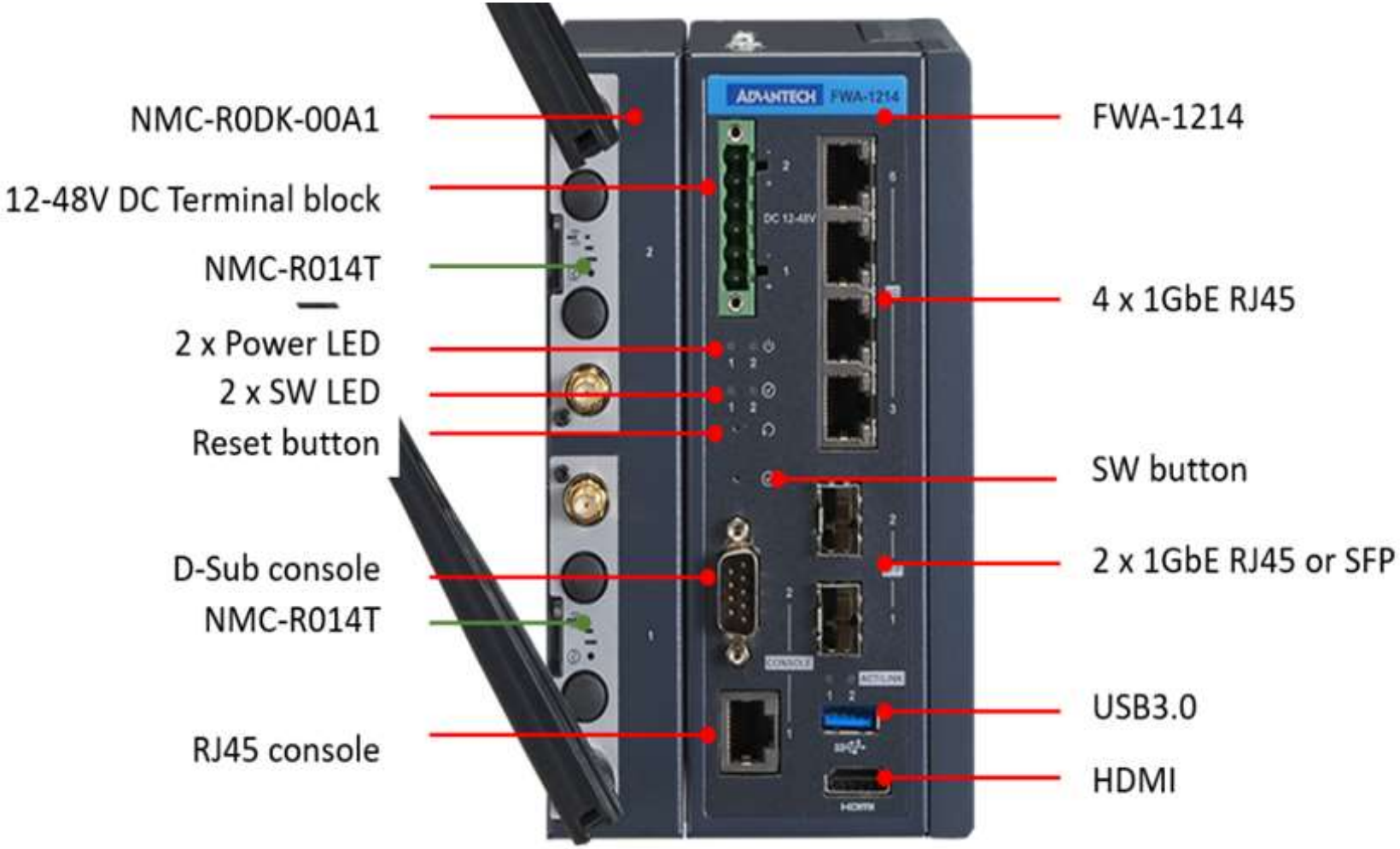
History

Version	Date	Handled by	Note
V01	2025/05/20	SS.Chang	Draft

Agenda

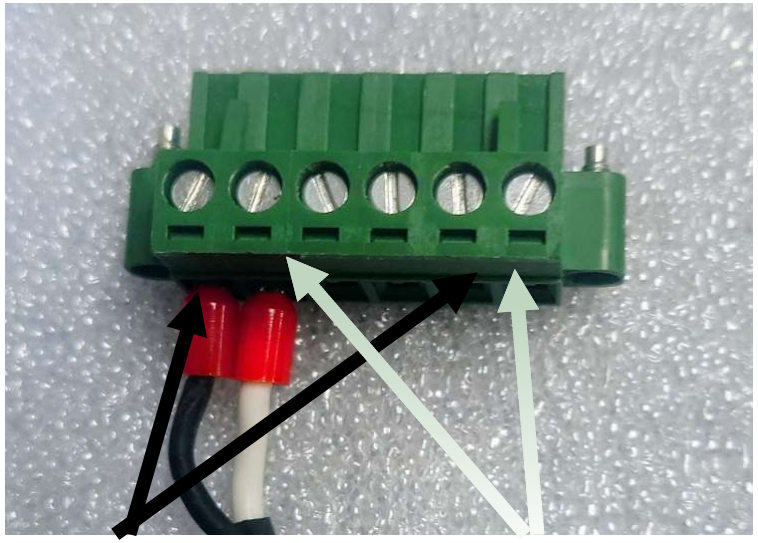
- ❑ FWA-1214 Front Side
- ❑ PSU connector Population
- ❑ Access the device via console
- ❑ Access the device via HDMI & USB KB
- ❑ OS installation

Server Front Side [1/1] – Overview

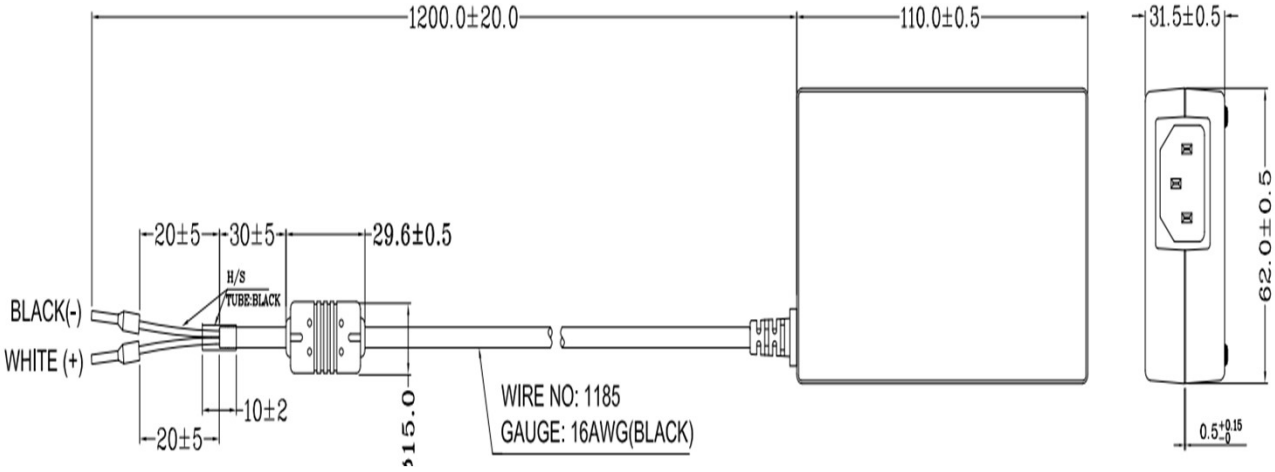


PSU connector installation

- Step#1 – please refer following picture to install DC adapter's black(1) + White (+) to "6P Terminal Block "
- Step#2 – please install "6P Terminal Block" to FWA-1214's "12-48 DC terminal block"



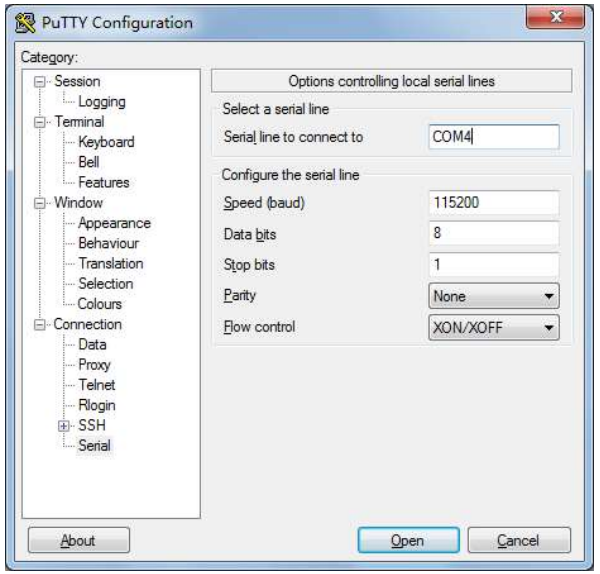
Black (-) White (+)



Access the device via Console [1/2]-

- Step#2 – Access the device
  - Prerequisite:
    - Console cable and PC + Terminal
  - Connect the PC to the server console
  - install “6P Terminal Block with DC adapter” for power on system.

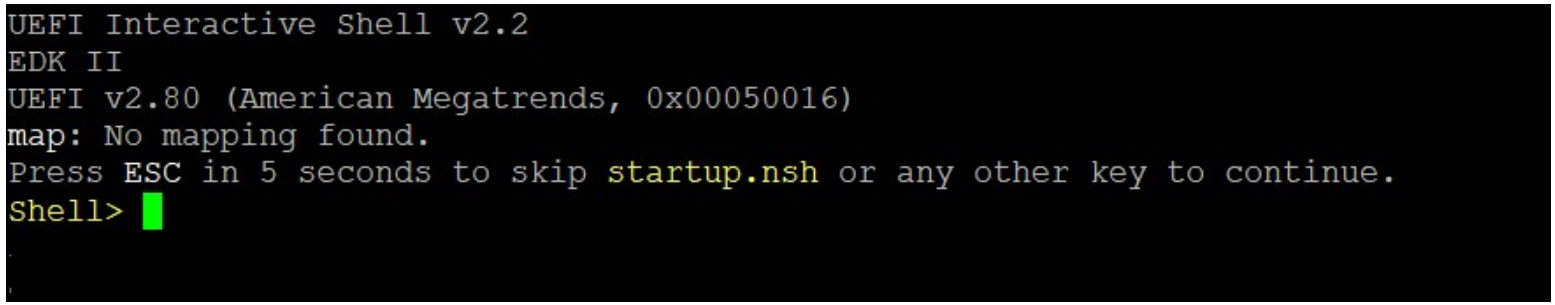
Terminal settings



Default BIOS baud-rate Setting:

- Baud rate: 115200
- Data bits : 8
- Stop bits: 1

Access the device via Console [2/2]-



Picture depicted successfully server access via console

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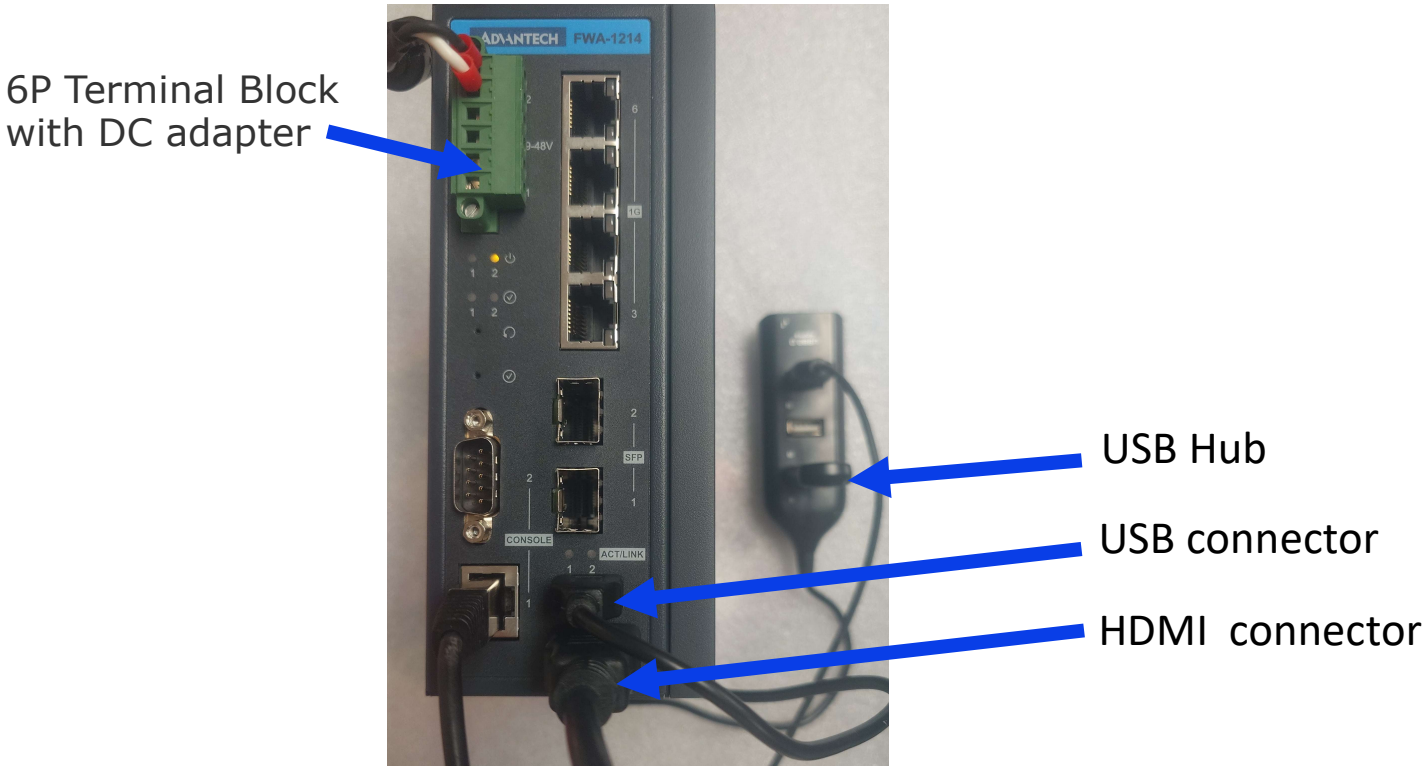
Access the device via HDMI & USB KB [1/1]-

- Step#1 – Please refer following picture to install HDMI cable and USB Hub , USB KB and OS image can install on the USB HUB.
- Step#2 – Please install "6P Terminal Block with DC adapter" for power on system.



OS installation

You could install your OS by following one of the below methods:

Method #1- Via Console Redirection

Reference: https://advantech-ncg.zendesk.com/hc/en-us/articles/360017541092-How-to-install-Linux-in-non-VGA-system-with-console-redirection

Method #2- Via HDMI & USB KB

Reference :

Debian https://www.debian.org/releases/stable/i386/index.en.html

Rocky Linux : https://docs.rockylinux.org/guides/installation/

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