

Step 1: Back Panel Network and Power Connections

- IP: connect RJ45 cables to the quad 1GbE lower center card ❶.
- IP: connect RJ45 cables to 1GbE PCI cards ❷.
- IP: connect SFP+ cables to 10GbE PCI cards ❸.
- IP: connect SFP28 cables to any 25GbE PCI cards ❹.
- SDI: connect the micro-BNC cables to any SDI PCI cards (the SDI Sync has a “G” label) ❺.
- ASI: connect the micro-BNC cables to any ASI PCI cards ❻.
- BMC Web Console: connect an RJ45 cable to the second left hand network socket ❼.
- Console: connect a VGA display cable and a USB keyboard cable ❽.
- Power supplies: Connect the power cord to the back of the M2 ❾. Plug the power cord into the grounded outlet, then power up the appliance.

Step 2: BMC configuration (optional)

1. The BMC has its own network interface, shared with the second network port. It is disabled by default.
2. If you wish to use the BMC, please follow the link provided below or use the QR code to access the M2 BMC Quick Start Guide. This tells you how to enable the BMC's network interface and ensure it is secure.

Step 3: System configuration

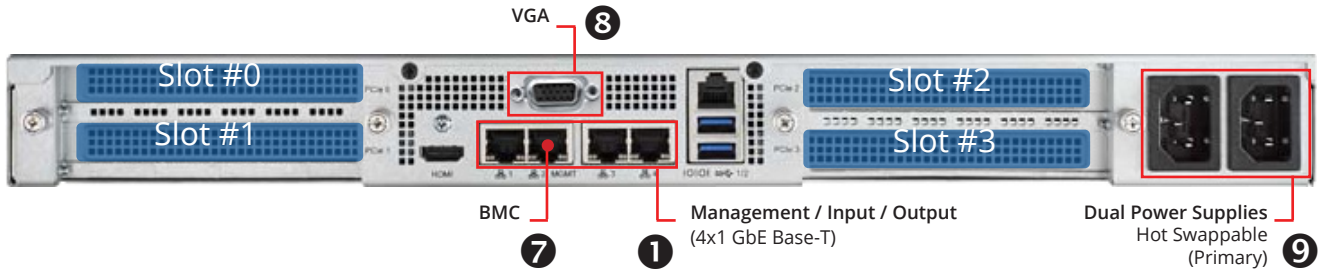
Once you have connected display and keyboard ❽, you can start setup:

1. At console prompt, log in to the `root/med1aK:nd` account to configure AlmaLinux as needed. The available network port names will be listed (excluding the BMC network port).

```
localhost login: root
Password:
Last login: Thu Apr 13 10:32:50 on tty1
enp0s31f6  00:1f.6  Intel Ethernet (11) I219-LM
enp2s0f0  02:00.0  Intel I350 Gigabit Network
enp2s0f1  02:00.1  Intel I350 Gigabit Network
enp2s0f2  02:00.2  Intel I350 Gigabit Network
enp2s0f3  02:00.3  Intel I350 Gigabit Network
enp3s0    03:00.0  Intel I210 Gigabit Network
enp4s0    04:00.0  Intel I210 Gigabit Network
enp5s0    05:00.0  Intel I210 Gigabit Network
[root@localhost ~]#
```

2. Configure networks interfaces either via `nmcli` (command-line) or `nmtui` (screen-based) interfaces to Network Manager.
3. Change the host name manually through the `/etc/hostname` and `/etc/hosts` files.
4. After changing network setting, reboot and log in again to make them take effect.

M2 Back Panel

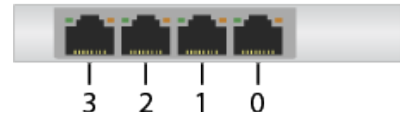
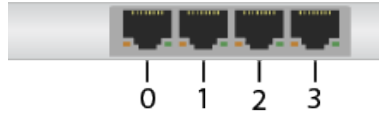


Slot 0/1

Slot 2/3

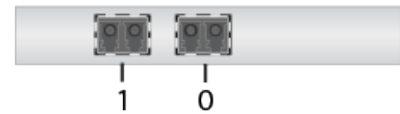
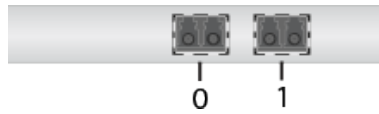
4x 1GbE input
(Option)

2



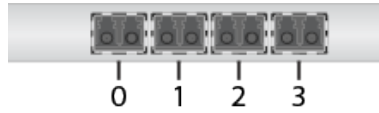
2x 10GbE SFP+ input
(Option)

3



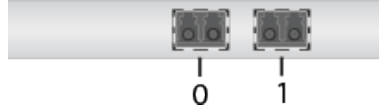
4x 10GbE SFP+ input
(Option)

3



2x 25GbE SFP28
(Option, Slot 1 only)

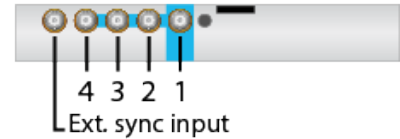
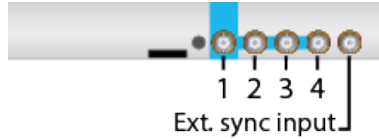
4



4x SDI + Genlock
or 4x ASI
(Option)

5

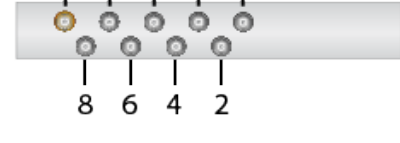
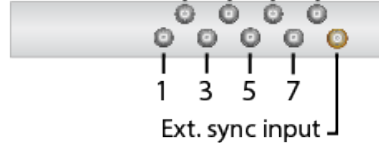
6



8x SDI + Genlock
or 8x ASI
(Option)

5

6



Product documentation is available at:

<https://docs.mediakind.com/hardware-guides>



Scan to connect to
MediaKind portal and
get documentation.

