ZXi™-10G PCIe Expansion Module Quick Reference Guide

Logicube®

Table of Contents

1.0   Introduction

The ZXi-10G PCIe Expansion Module is a hardware option that provides the PCIe drive support for the ZXi™-10G. The PCIe Module supports several PCIe drive types such as:

- Standard HHHL (Half Height Half Length) PCIe SSDs

- M.2 PCIe NVMe SSDs (with the use of an adapter: F-ADP-M.2-PCIE)

- M.2 PCIe AHCI SSDs (with the use of an adapter: F-ADP-M.2-PCIE)

- mPCIe (Mini PCIe) SSDs (with the use of an adapter: F-ADP-MINI-PCIE)

> This expansion module is only compatible with the ZXi-10G. It **is not** compatible with the ZClone™ Xi.

ZXi-10G PCIe Expansion Module QSG v1.0   *Page 1 of 4*
Revised Date: 05/18/2018
    Logicube, Inc. • 19755 Nordhoff Pl.,Chatsworth, CA 91311 USA• tel:+1-818-700-8488• fax:+1-818-435-0088
                                            www.logicube.com

2.0   What's in the box?

The following items are included with the ZXi-10G PCIe Expansion Module:

- QTY 2: PCIe to PCIe cables

- Power cable

3.0   Additional adapters

The ZXi-10G PCIe Expansion Module has native support for standard HHHL (Half Height Half Length) PCIe SSDs. Other PCIe drives are also supported, with the use of additional adapters. Logicube has tested and validated adapters for the following types of drives:

- M.2 PCIe NVMe or AHCI SSDs – Requires the additional adapter model F-ADP-M.2-PCIE.

- Mini PCIe SSDs – Requires the additional adapter model F-ADP-MINI-PCIE.

> To purchase these adapters, please contact our sales team at: sales@logicube.com.
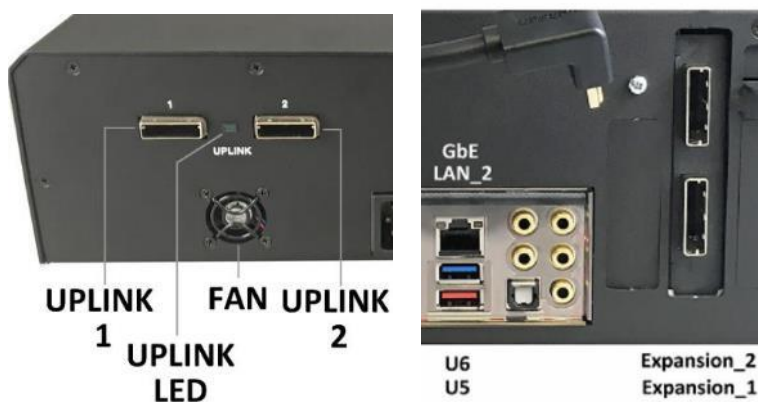
4.0   Instructions

> **IMPORTANT NOTES:**
>
> - **The ports on the PCIe Module are not hot-swappable. Always make sure the PCIe module and ZXi-10G are turned OFF when connecting or disconnecting drives on the PCIe Module.**
>
> - The PCIe Module will turn on and off with the ZXi-10G, if the power switch located in the back of the module is set to the ON position.

1. Make sure **both** the ZXi-10G and PCIe Expansion Module are turned **off**.

> For steps 2 and 3, please refer to the two images below:

ZXi-10G PCIe Expansion Module QSG v1.0   *Page 2 of 4*
Revised Date: 05/18/2018
Logicube, Inc. • 19755 Nordhoff Pl.,Chatsworth, CA 91311 USA• tel:+1-818-700-8488• fax:+1-818-435-0088
www.logicube.com

2. Connect one of the PCIe-to-PCIe cables to the port labeled **1 (Uplink 1)** on the PCIe Expansion Module. Connect the other end to the **bottom** PCIe expansion port **(Expansion_1)** on the ZXi-10G.

3. Connect the second PCIe-to-PCIe cable to the port labeled **2 (Uplink 2)** on the PCIe Expansion Module. Connect the other end to the **top** PCIe expansion port **(Expansion_2)** on the ZXi-10G.

4. Connect the drives (or drives and adapters) to the PCIe Expansion Module.

5. Turn the ZXi-10G on. The PCIe Module should also turn on and the LEDs corresponding to each PCIe slot with a connected drive should light up.

> **ⓘ** If the PCIe Expansion Module does not turn on with the ZXi-10G, turn the ZXi-10G off and then:
>
> - Make sure the Power Switch on the PCIe Expansion Module is on the ON position, and
>
> - Make sure the PCIe to PCIe cables are connected to the correct ports (Uplink 1 to Expansion 1 and Uplink 2 to Expansion 2).
>
> - Repeat step 5.

6. When the ZXi-10G finishes its boot process, the connected PCIe drives should appear in the **Drives** screen.
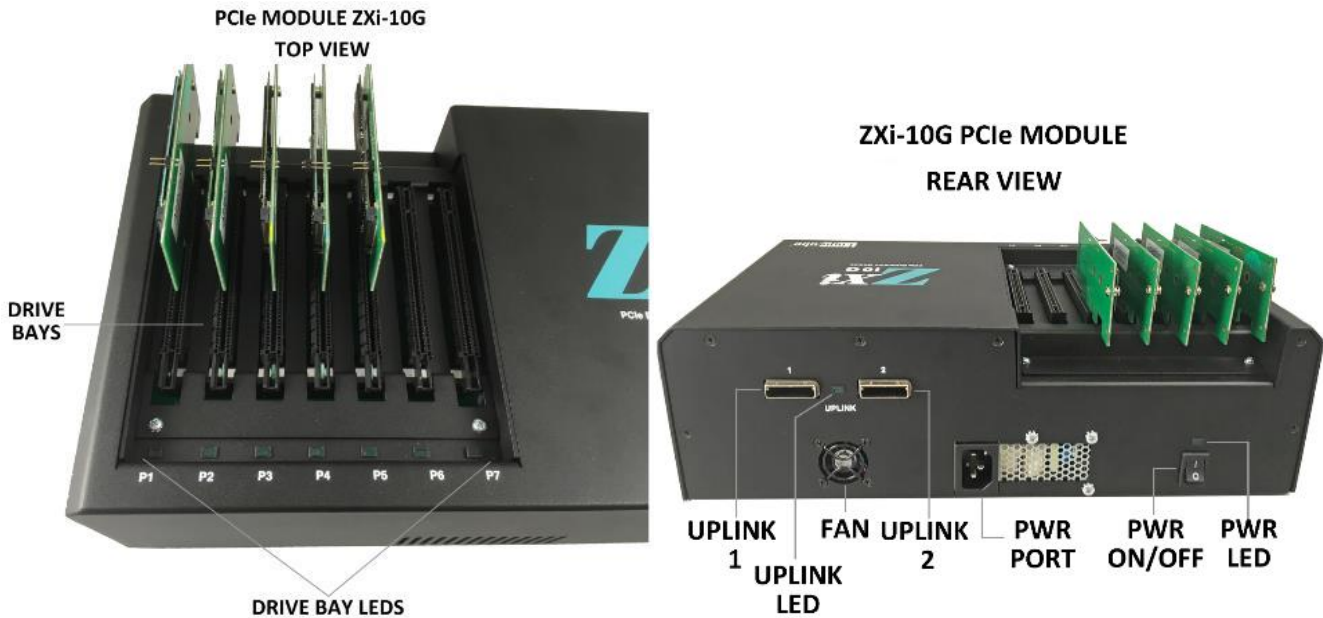
> **ⓘ** To disconnect or change drives, turn the ZXi-10G off by pressing and releasing the power button or through the POWER OFF menu. When the ZXi-10G turns off, the PCIe Module will also turn off. Once both units are turned off, it is safe to disconnect or change drives.

5.0   Additional Images

ZXi-10G PCIe Expansion Module QSG v1.0   *Page 3 of 4*
Revised Date: 05/18/2018
Logicube, Inc. • 19755 Nordhoff Pl.,Chatsworth, CA 91311 USA• tel:+1-818-700-8488• fax:+1-818-435-0088
www.logicube.com

PCIe MODULE ZXi-10G
TOP VIEW

ZXi-10G PCIe MODULE
REAR VIEW

Technical Support Information

The latest ZXi-10 User's Manual is available on the ZXi-10G support page:
https://www.logicube.com/knowledge/zxi-10g

For further assistance please contact
Logicube Technical Support:
by phone: **(+1) 818.700.8488 8 a.m. – 5 p.m. PT, M-F**
(excluding US legal holidays)
or by email: **techsupport@logicube.com**

ZXi-10G PCIe Expansion Module QSG v1.0   *Page 4 of 4*
Revised Date: 05/18/2018
Logicube, Inc. • 19755 Nordhoff Pl.,Chatsworth, CA 91311 USA• tel:+1-818-700-8488• fax:+1-818-435-0088
www.logicube.com