Windows 10 Imaging Guide – Navigator Elite (SuperMicro)

Overview

This guide is intended to help you image your system with a new Windows 10 operating system (OS) and install the Triple E software.

The steps detailed in this guide are applicable to the **Equus SuperMicro** version of the **Navigator Elite**.

⚠️ *For the best experience, it is recommended that you have an internet connection during this process.*

Instructions

1. Insert your Triple E USB into an available USB 3.0 port (*blue*) on the system.

    ⚠️ *Do not remove the USB until the system has been fully imaged and the Windows desktop has displayed.*

2. Power on the system.

3. While the system is starting up, press **F11** to access the boot menu.

4. Use the ↑ **(up)** and ↓ **(down)** arrow keys to select **SanDisk**, then press **Enter.** This will load the **Microsoft Deployment Toolkit**.


5. When the **Welcome** window displays, click **Run the Deployment Wizard to install a new Operating System**.

6. On the **Task Sequence** window, select the radio button for the Windows 10 Professional license that applies to the system you are imaging (*e.g., Legacy BIOS*), then click **Next**.
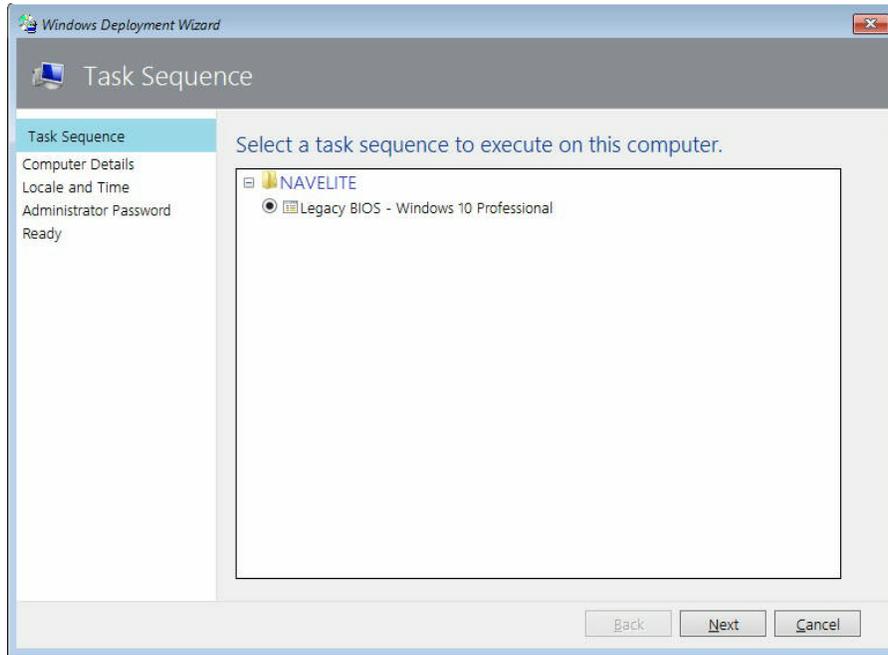
7. On the **Computer Details** window, enter your **Computer name** (*located on the Triple E label on your system*).

8. If the **Join a workgroup** button is displayed, enter **ONETOUCH** in the **Workgroup** field. (***Note***: *If this field does not display, your system's workgroup has already been configured.*)
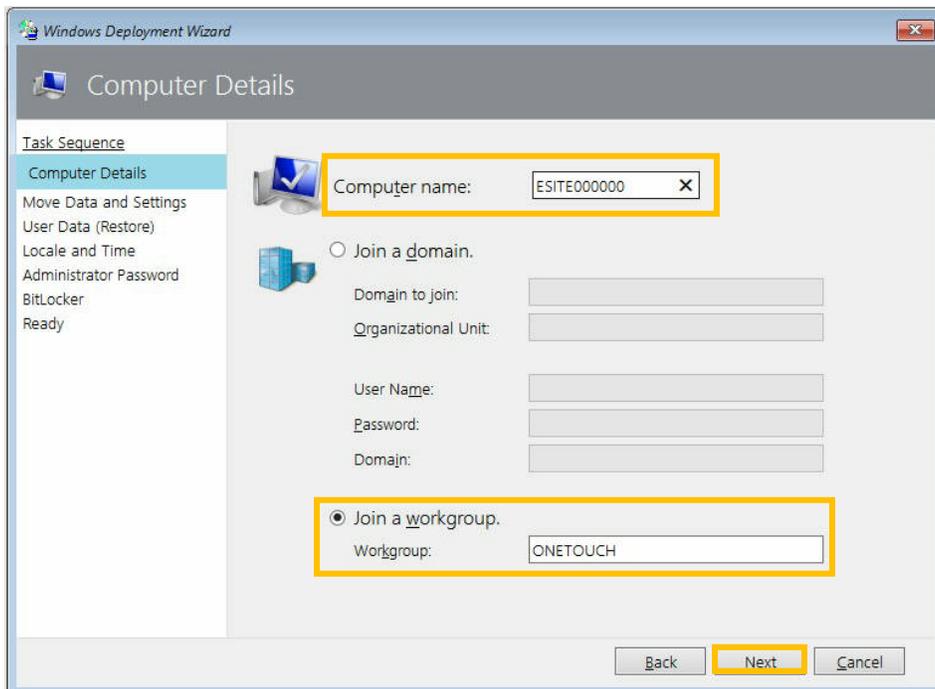
9. Click **Next**.

10. If the **Move Data and Settings** window displays, select **Do not move user data and settings**, then click **Next**.
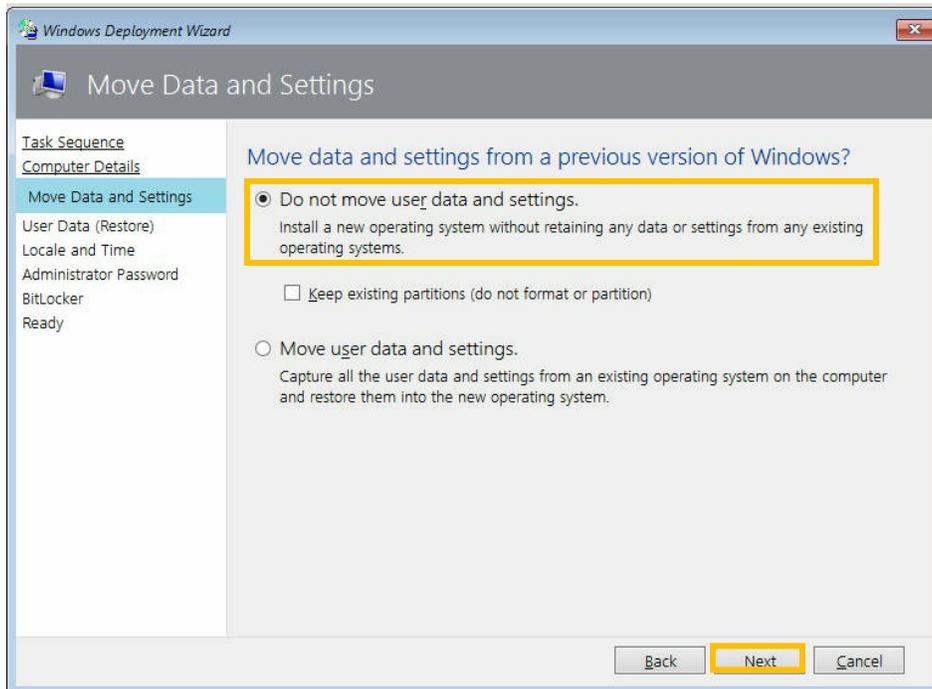
11. If the **User Data (Restore)** window displays, select **Do not restore user data and settings**, then click **Next**.
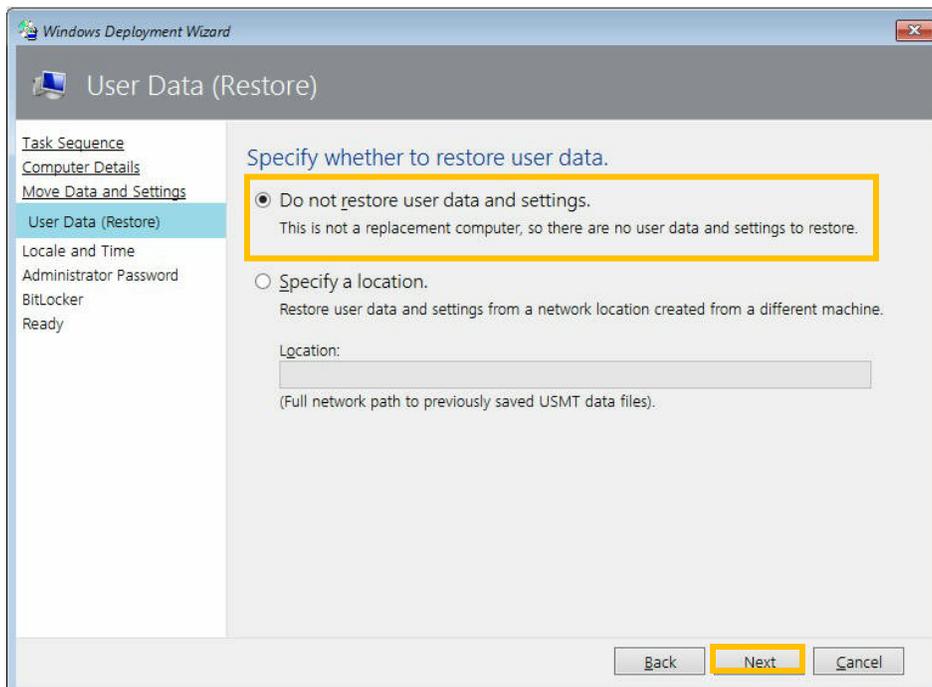
12. On the **Locale** and **Time** window, select your time zone, then click **Next**.
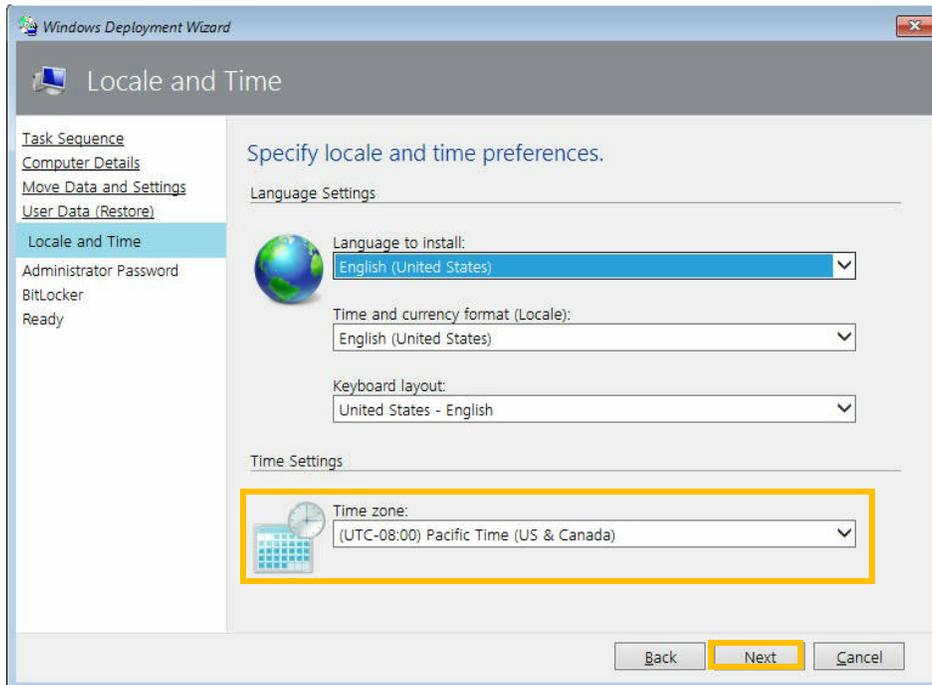
13. On the **Administrator Password** window, enter a password you'd like to use in the **Administrator Password** and **Confirm Administrator Password** fields, then click **Next**.

14. (***Note***: *Your system may automatically restart at this point after writing settings to the disk – if this happens, you can proceed to Step 17.*)
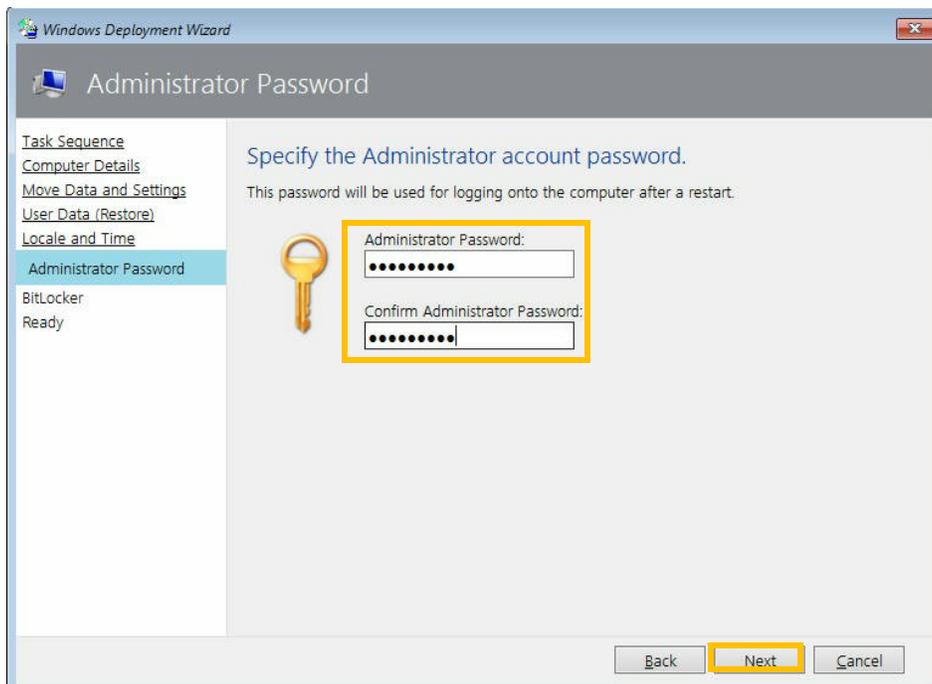
15. If the **BitLocker** window displays, select **Do not enable BitLocker for this computer**, then click **Next**.
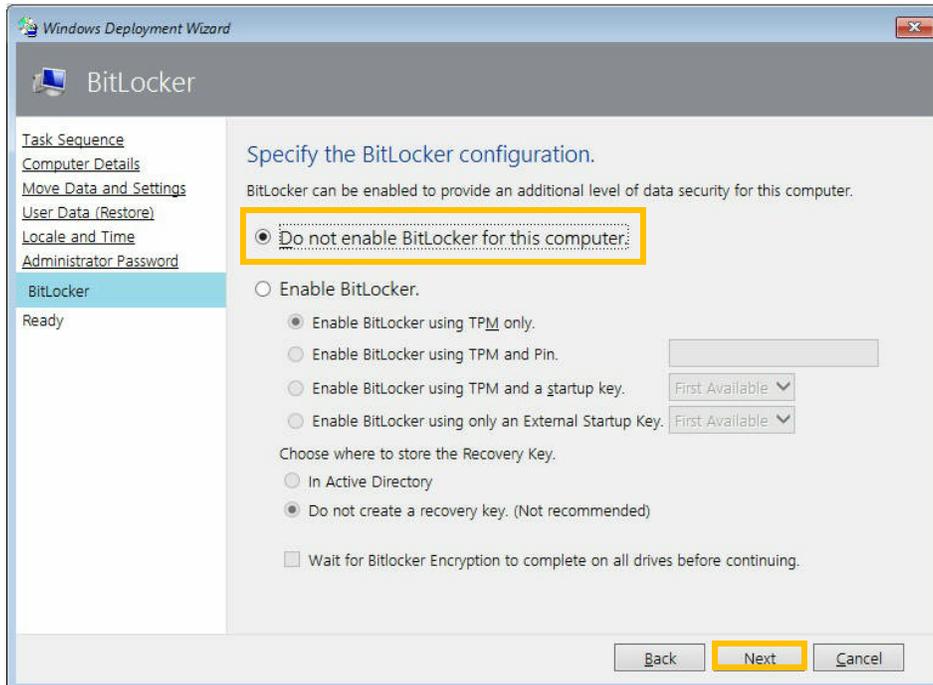
16. If the **Ready** window displays, click **Begin**. The system will begin installing the new Windows OS.
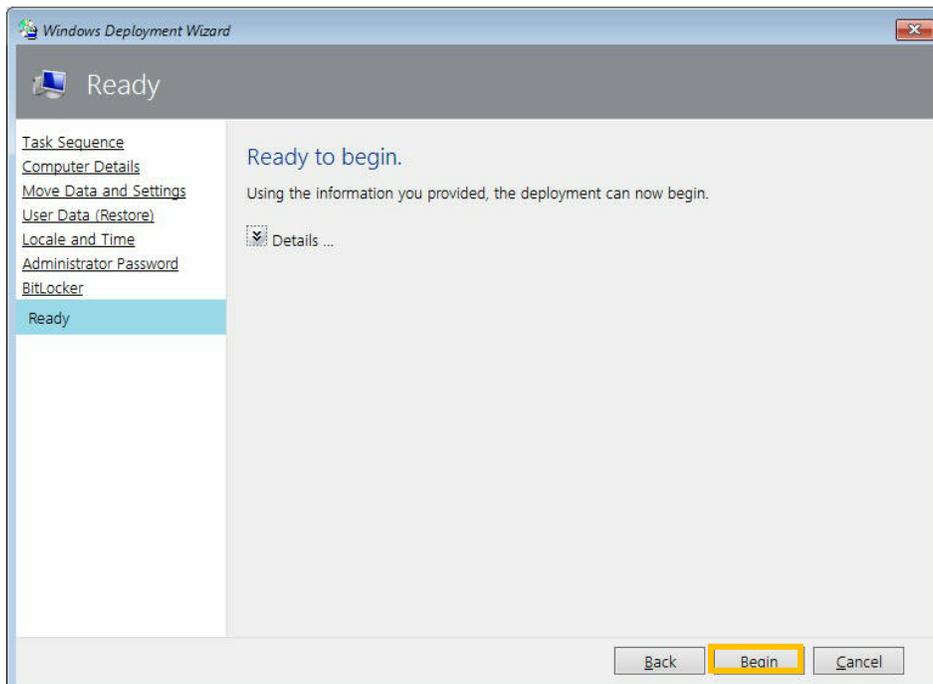
17. Wait until the system successfully installs the OS – this process may take several minutes. Do not turn off your PC during this time.
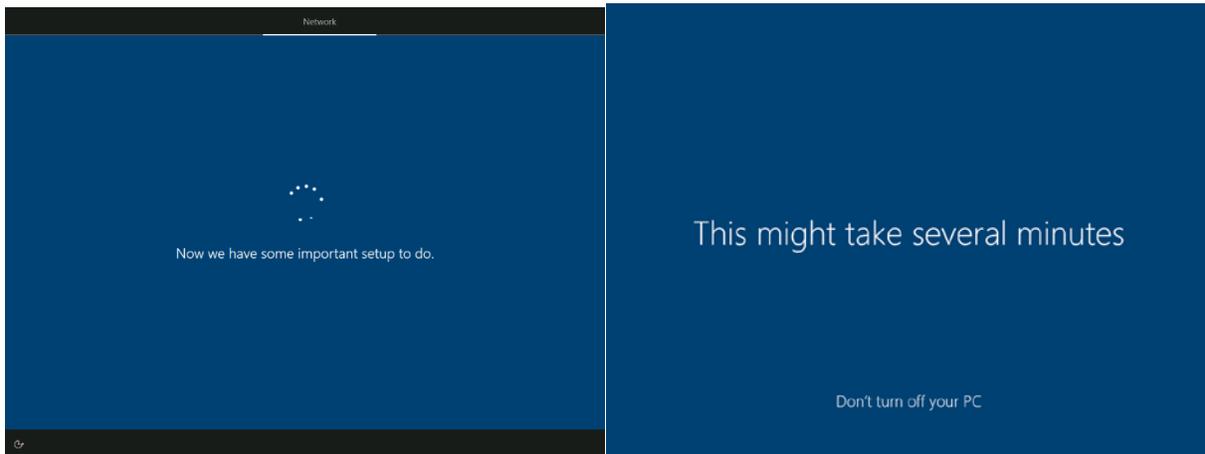
18. When the software finishes installing and you are able to boot into the OS, contact our Customer Support Department at (888) 407-6077 for assistance installing your OneTouch software.

Questions?

If you are unsure about any of these steps and would like additional assistance, please contact our Customer Support Department at (888) 407-6077.

Please note that if you call us outside of normal business hours, you will incur after hours charges. We recommend that you do not attempt to image your systems outside of our normal hours to ensure that we can better assist you.

Troubleshooting

Microsoft Deployment Toolkit Wizard does not display and drops to command line

- When presented with only a command line on USB boot, run the following commands to wipe the system disk and restart the wizard:

    1. diskpart
    2. list disk
    3. select disk 0 ← verify disk 0 is the system disk and not the USB. It will be the larger of the two.
    4. clean
    5. exit
    6. startnet.cmd

USB does not display on boot

1. Restart the system.

2. While the system is booting up, press **Del** to enter the **setup** menu.

```
            Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.
    Main  Advanced  Event Logs  IPMI  Security  Boot  Save & Exit

                                                            Set the Date. Use Tab to
                                                            switch between Date
    System Date                     [Thu 10/03/2019]        elements.
    System Time                     [15:04:34]

    Supermicro X11SSL-CF
    BIOS Version                    2.2
    Build Date                      05/23/2018
    CPLD Version                    02.b1.01

    Memory Information
    Total Memory                    16384 MB
    Memory Speed                    2133 MHz




                                                            ←→: Select Screen
                                                            ↑↓: Select Item
                                                            Enter: Select
                                                            +/-: Change Opt.
                                                            F1: General Help
                                                            F2: Previous Values
                                                            F3: Optimized Defaults
                                                            F4: Save & Exit
                                                            ESC: Exit

            Version 2.17.1254. Copyright (C) 2018 American Megatrends, Inc.
```

3. From the **Main** tab, use the right arrow key to navigate to the **Boot** tab.

4. Use the down arrow key to highlight **Dual Boot Order #4**, then press **Enter**.

```
             Aptio Setup Utility - Copyright (C) 2018 American Megatrends, Inc.
  Main  Advanced  Event Logs  IPMI  Security  Boot  Save & Exit

  Boot Configuration                                      ▲  Sets the system boot order

  Boot Mode Select                       [DUAL]

  FIXED BOOT ORDER Priorities
  Dual Boot Order #1                     [Hard Disk:#0200 I...]
  Dual Boot Order #2                     [CD/DVD: DRW-24F1S...]
  Dual Boot Order #3                     [USB Hard Disk]
  Dual Boot Order #4                     [UEFI USB Key]
  Dual Boot Order #5                     [USB CD/DVD]
  Dual Boot Order #6                     [USB Floppy]
  Dual Boot Order #7                     [Network:IBA GE S1...]
  Dual Boot Order #8                     [UEFI Hard Disk]
  Dual Boot Order #9                     [UEFI CD/DVD:UEFI:...]
  Dual Boot Order #10                    [UEFI USB Hard Disk]
  Dual Boot Order #11                    [UEFI USB CD/DVD]
  Dual Boot Order #12                    [USB Key:SanDisk]      ↔: Select Screen
  Dual Boot Order #13                    [UEFI USB Floppy]      ↑↓: Select Item
  Dual Boot Order #14                    [UEFI Network]         Enter: Select
  Dual Boot Order #15                    [UEFI AP:UEFI: Bui...] +/-: Change Opt.
                                                               F1: General Help
  ▶ Add New Boot Option                                        F2: Previous Values
  ▶ Delete Boot Option                                         F3: Optimized Defaults
                                                        ▼      F4: Save & Exit
                                                               ESC: Exit

             Version 2.17.1254. Copyright (C) 2018 American Megatrends, Inc.
```
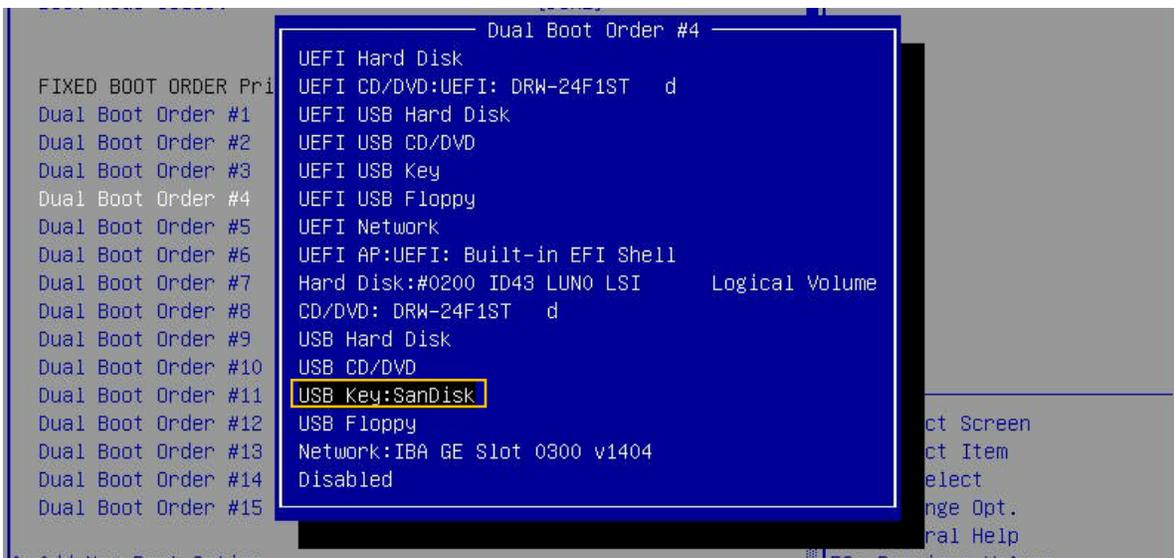
5. Use the down arrow key to highlight **USB Key = SanDisk**, then press **Enter**.

```
                          ─── Dual Boot Order #4 ───
                        UEFI Hard Disk
  FIXED BOOT ORDER Pri  UEFI CD/DVD:UEFI: DRW-24F1ST    d
  Dual Boot Order #1    UEFI USB Hard Disk
  Dual Boot Order #2    UEFI USB CD/DVD
  Dual Boot Order #3    UEFI USB Key
  Dual Boot Order #4    UEFI USB Floppy
  Dual Boot Order #5    UEFI Network
  Dual Boot Order #6    UEFI AP:UEFI: Built-in EFI Shell
  Dual Boot Order #7    Hard Disk:#0200 ID43 LUN0 LSI      Logical Volume
  Dual Boot Order #8    CD/DVD: DRW-24F1ST    d
  Dual Boot Order #9    USB Hard Disk
  Dual Boot Order #10   USB CD/DVD
  Dual Boot Order #11   USB Key:SanDisk
  Dual Boot Order #12   USB Floppy                         ct Screen
  Dual Boot Order #13   Network:IBA GE Slot 0300 v1404     ct Item
  Dual Boot Order #14   Disabled                           elect
  Dual Boot Order #15                                      nge Opt.
                                                           ral Help
  ▶ Add New Boot Option                                    F2: Previous Values
```

6. Press **F4**. On the **Save & Exit Setup** window, select **Yes**, then press **Enter** to save your configuration.

```
 ── Save & Exit Setup ──
 
 Save configuration and exit?
 
 ─────────────────────────
      Yes        No
```

7. Reboot the system.

8. While the system is starting up, press **F11** to access the boot menu. The SanDisk USB should now be listed as a boot device.

9. Use the ↑ **(up)** and ↓ **(down)** arrow keys to select **SanDisk**, then press **Enter.** This will load the **Microsoft Deployment Toolkit**.

Advanced remote support

1. Connect a separate ethernet cable to the IPMI interface port.

2. Reboot the system.

3. While the system is starting up, locate and note the **BMC IP** address at the bottom-right of the loading screen.

4. On a different computer, open an internet browser and enter the **BMC IP** address. (***Note**: Chrome is recommended*)

5. On the **login** screen, enter the following credentials, then click **Login**:

   Username: ADMIN
   Password: ADMIN
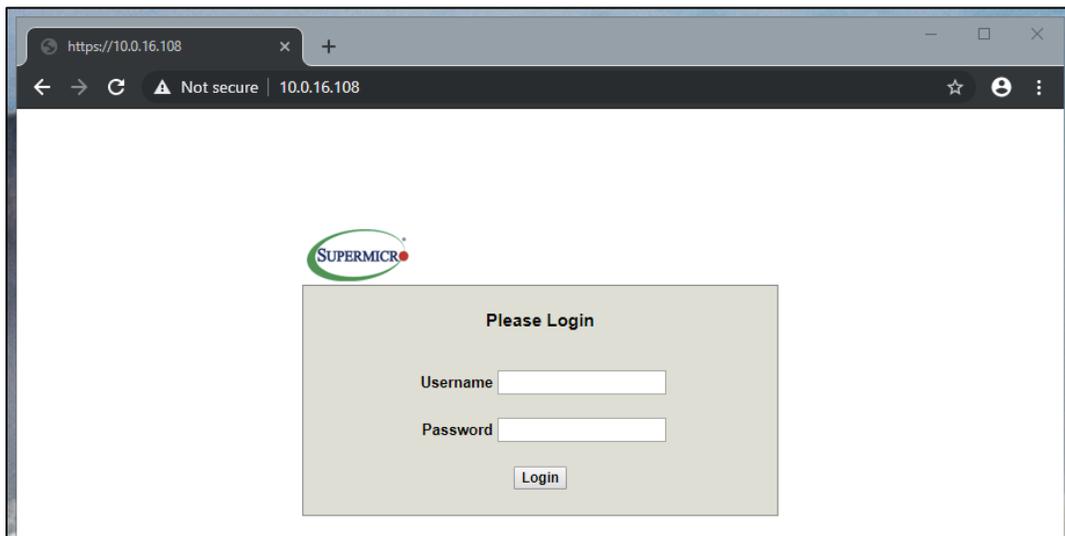
6. From the system window, navigate to **Remote Control** > **IKVM/HTML5**.

7. Click the **IKVM/HTML5** button. The other system's screen will display.