

1. Prepare [BootIMG.FLB](#) and [Bootutil.exe](#) files and copy them to bootable USB flash.
2. Boot into DOS.
3. Key in the command “[bootutil.exe](#)” to check what the NIC number is.

Please double confirm the exact NIC number.

Example: The NIC number is **1**

```
C:\MCI10G>bootutil.exe

Intel(R) Ethernet Flash Firmware Utility
BootUtil version 1.6.39.1
Copyright (C) 2003-2017 Intel Corporation

Type BootUtil -? for help

Port Network Address Location Series WOL Flash Firmware Version
==== =====
1 00E018053116 1:00.0 10GbE N/A UEFI,PXE Enabled 2.3.27
2 00E018053117 1:00.1 10GbE N/A UEFI,PXE Enabled 2.3.27
3 00E01802100A 3:00.0 Gigabit YES FLASH Not Present
4 00E01802100B 3:00.1 Gigabit YES FLASH Not Present

C:\MCI10G>
```

4. You can only use PXE option ROM or iSCSI option ROM at once.

To use PXE option ROM, please key in the command as bellows.

[bootutil.exe -nic=1 -up=pxe+efi -file=bootimg.flb -quiet](#)

```
C:\MCI10G>bootutil.exe -nic=1 -up=pxe+efi -quiet

Intel(R) Ethernet Flash Firmware Utility
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Programming flash on port 1 with flash firmware image
/
Flash update successful

Port Network Address Location Series WOL Flash Firmware Version
==== =====
1 00E018053116 1:00.0 10GbE N/A UEFI,PXE Enabled 2.4.45
2 00E018053117 1:00.1 10GbE N/A UEFI,PXE Enabled 2.4.45
3 00E01802100A 3:00.0 Gigabit YES FLASH Not Present
4 00E01802100B 3:00.1 Gigabit YES FLASH Not Present

C:\MCI10G>
```