

Reset rx2800 Console to Defaults with UEFI

Although it is possible to manually Add/Remove boot options on the boot menu of the rx2800, it is simpler to use the “default clear” command in the UEFI shell.

Doing this clears all of the NVRAM settings and restores them to their defaults. This includes boot menu items: CPUCONFIG threads, MEMCONFIG, etc. The default for threads is “ON” and MEMCONFIG is “MostlyNUMA”. Also, any “dbprofile” that had been created, is cleared.

Before performing the default clear, check the command outputs and note what they are set to.

```
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Note, menu interfaces might only display on the primary console device.  
The current primary console device is:  
Serial PciRoot(0x30304352)/Pci(0x1C,0x5)/Pci(0x0,0x5)  
The primary console can be changed via the 'conconfig' UEFI shell command,  
or the 'Console Configuration' option in the Boot Maintenance Manager menu.  
  
Press:  ENTER - Start boot entry execution  
        B / b - Launch Boot Manager (menu interface)  
        D / d - Launch Device Manager (menu interface)  
        M / m - Launch Boot Maintenance Manager (menu interface)  
        S / s - Launch UEFI Shell (command line interface)  
        I / i - Launch iLO Setup Tool (command line interface)  
  
*** User input can now be provided ***
```

Figure 1 - Boot Menu Option Selections

RESET RX2800 CONSOLE

```
UEFI Shell version 2.30 [2.0]
Current running mode 1.1.2
Device mapping table
fs0 :HardDisk - Alias hd9neihnnleaailbbnjkpmaabaidppmken5764824126958911901
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
fs1 :HardDisk - Alias hd9neihnnleaailbbnjkpmaabaidppmken5764824126958911901
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk0 :HardDisk - Alias hd9neihnnleaailbbnjkpmaabaidppmken5764824126958911901
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk1 :HardDisk - Alias hd9neihnnleaailbbnjkpmaabaidppmken5764824126958911901
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk2 :HardDisk - Alias (null)
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk3 :HardDisk - Alias (null)
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk4 :HardDisk - Alias (null)
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk5 :BlockDevice - Alias (null)
      PcieRoot(0x30304352)/Pci(0x1,0x0)/Pci(0x0,0x0)/SAS(0x5000C50007FCC19D,0)
blk6 :BlockDevice - Alias (null)
      PcieRoot(0x30304352)/Pci(0x1F,0x2)/Sata(0x0,0x0)

Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell>
```

Figure 2 - Launch UEFI Shell

Select “S / s” from the Boot Menu Option to launch UEFI Shell (command line interface).

```
Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell> default clear

Warning, performing this action will clear NVRAM, restore platform
defaults, and automatically reset.
Clearing NVRAM deletes all UEFI variables, including boot options.
Restoring platform defaults includes modifications to date/time,
primary console, and other platform specific configuration updates.

Do you want to clear NVRAM, restore the platform defaults, and
automatically reset? (Y/[N])
```

At the “Shell>” prompt, enter **default clear**.

After the default clear, the system will reset and you will need to re-enter the UEFI shell. Revert the settings to what they were previously. For instance, CPUCONFIG, MEMCONFIG, and DBPROFILE.