Wolf Creek Firmware Release Instruction Guide

Revision 0.2

01/21/2015

**Revision History**

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| **Rev** | **Date** | **Originator(s)** | **Change History** |
| 0.1 | 01/05/2015 | Quake Wang | For Dec 31th release package |
| 0.2 | 01/21/2015 | Quake Wang | For support Jan 20th release image |
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# Purpose

This document specifies the instruction for flash firmware image in Wolf Creek platform in EVT Stage.

# Scope

These firmware image applies to the Wolf Creek platform green board, , and it covers both Wolf Creek 1 with 87xx series switches and Wolf Creek 2 with 9700 series switches.

# Definitions

**8700-V0**: This version is be defined for the shipment to DDN wolf creek controller board with PLX 87xx switch.

**9700-V0**: This version is be defined for the shipment to DDN wolf creek controller board with PLX 87xx switch.

**9700-V1:** Fabric mode. - This version is be defined for the shipment to DDN wolf creek controller board with PLX 97xx switch do the rework base on 9700-V0. Detail please refer to the spreadsheet of <**Wolf Creek Controller board DA\_97xx\_1231**> and < **Wolf Creek Controller board DA\_1210**>

# Overall Description

**For 8700-V0 System:**

Please update the BMC V006 by release package provides method or offline programming.

Then offline program BIOS V0102.

**For 9700-V0 System:**

Please update the BMC V006 by release package provides method or offline programming.

**For 9700-V1 System:**

Please update the BMC V006 by release package provides method or offline programming.

# Firmware release version

|  |  |  |
| --- | --- | --- |
| **Firmware** | **Version** | **Limitation** |
| BIOS | 0102 | Default disable the CPU0/1 root bridge link |
| BMC | 0006 | Don’t support PSoC upgrade feature |
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# Know issues

1. Online update BIOS image by Insyde utilities, some bytes couldn’t be update that will lead system hang in BIOS POST.
2. BIOS V0102 just work with BMC V0006 or later, due to GPIO update to support Disaster Recovery functionality.