



## Updating the Firmware on the Intel® True Scale Fabric Pass-Thru I/O Blade Module 12005-PT16

Products Affected:

- True Scale 12005-PT16 Blade Module (Part Number 12005-PT16).

### Introduction

This application note describes how to update the firmware on the 12005-PT16 pass-through module.

### Update the Firmware

When the current pass-through module firmware is below the required minimum version, the firmware must be updated. To update the firmware on the pass-through module:

1. Download the hex file from the Intel Download Center to a desired location on your PC.
  - a. Go to the Intel web site [www.intel.com/infiniband](http://www.intel.com/infiniband).
  - b. Select **Downloads**.
  - c. Select **Intel® Download Center**.
  - d. In the **Search downloads** text box enter *True Scale Fabric Pass-thru I/O Module 12005*, and press Enter.
  - e. Select the required firmware \*.zip file.
  - f. Read then click the 'I accept the terms in the license agreement' radio button.
  - g. Click **Save** in the File Download dialog box.
  - h. Select the location to save the file on your PC and click **Save**.
2. Open the zip file and extract the files to the location to be saved.
3. Edit the Tera Term script file (example: D000174-000-B 12005\_PT-16\_insystem\_update.ttl) and change the line that calls out `fn="c:\PassThrough.hex"` to point to the hex file you saved on your PC.
4. Log into the Chassis Management Controller (CMC) using Tera Term.
5. Type `connect switch-zz` Where *zz* is the fabric (for example, B1,B2,C1 or C2).
6. At the prompt, start the Tera Term script by choosing `Control | Macro`. The script scrolls a large amount of hex data, and could take up to 10 minutes to complete. Do not close the Tera Term window during this time.
7. Upon completion, the script will automatically reboot the module.

#### NOTE:

Firmware updates must be completed separately for each module.

#### NOTE:

Some older versions of Tera Term do not support this script. Tera Term 4.62 or newer is recommended.

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