

**AS6700-32X-r1**  
**Data Center Switch**  
**Release Note Version v2014.08.00.11-2014.11.03.00**

## 1.0 Introduction

AS6700-32X consists of 20 10/40G Ethernet ports and 2 6x40GbE QSFP+ expansion modules. The dimensions of the ES6622BT are 1 RU high, 17.1 inches deep and 17.3 inches wide. ES6622BT includes two AC or DC load-sharing, 1+1 redundant power supplies, and five fan-tray modules. The power supplies and fan module are hot swappable Field Replaceable Units. Both the power supplies and the fan-tray module are available in front-to-back or back-to-front SKUs. The switch can be managed either by in-band management via the network remotely, or out-of-band management via the console port or Ethernet management ports (both RJ45) locally.

ONIE v2014.08.00.11 starts to support the new hardware R01C that uses the new SPI NOR flash "Spanion" with different partitions. The ONIE platform was split to "powerpc-accton\_as6700\_32x-r0" for pre-R01B hardware and "powerpc-accton\_as6700\_32x-r1" for post-R01C hardware. The version of ONIE platform "powerpc-accton\_as6700\_32x-r1" will be recorded in this release note document.

## 2.0 Release Content

1. **ONIE Installer Ver. 2014.08.00.11, 2014/10/30**
2. **Bootloader Ver. 1.4.0.11, 2014/10/30**
3. **Diagnostic Ver. 1.5.0.3**
4. **Fman Ver. 106.1.9, 2014/02/22**
5. **RCW Ver. 1, 2013/11/04**
6. **sys\_eeprom Ver. 3, 2014/10/30**

## 3.0 Test Completion

1. **Engineering Integration Tests (EIT)**
  - 1> **EIT Completed on 2014/10/30**
2. **NTC Tests**
  - 1> **NA**

**4.0 Software/Firmware Fixes, Changes, and Enhancements**

The \* mark indicates engineering items.

**1. ONIE Installer****Ver. 2014.08.00.11, 2014/10/30**

1	Initial version of ONIE on ONIE platform "powerpc-accton_as6700_32x-r1", corresponding to hardware version R01C and later. Based on ONIE version 2014.08.
2	Added function to allow ONIE updater to write ONIE version to sys_eeprom.
3	Increased the expire time for management port negotiation to 10 seconds

**2. Bootloader****Ver. 1.4.0.11, 2014/10/30**

1	Initial version of uboot on ONIE platform "powerpc-accton_as6700_32x-r1", corresponding to hardware version R01C and later. Based on ONIE version 2014.08.
2	Uboot environment variable "ver" to be stored in the NOR flash partition for possible access by switch software

**3. Diagnostic****Ver. 1.5.0.3, 2014/11/03**

1	Initial version
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**4. Fman****Ver. 106.1.9, 2014/02/12**

1	Updated for for freescale sdk 1.4
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**Ver. 106.1.7, 2013/11/04**

1	Initial version for for freescale sdk 1.3.2
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**5. RCW****Ver. 1, 2013/11/04**

1	Initial version
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**6. sys\_eeprom****Ver. 3, 2014/10/30**

1	<p>The following sys_eeprom items will be updated in production: 0x28 Platform Name=powerpc-accton_as6700_32-r1</p> <p>The following items were not entered in production but will be requested: 0x2B Manufacturer=accton 0x2C Country Code=TW 0x2D Vendor Name=Edgecore 0x2E Diag Version=[Diag version]</p>
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## 5.0 Known Limitations & Workarounds

None