



# Product Change Notification

**Change Notification #: 114958 - 00**  
**Change Title:** Intel® Omni-Path Edge Switch 100 Series 24 Port Managed Forward 2 PSU 100SWE24QF2,  
Intel® Omni-Path Edge Switch 100 Series 24 Port Forward 2 PSU 100SWE24UF2,  
Intel® Omni-Path Edge Switch 100 Series 24 Port Forward 1 PSU 100SWE24UF1,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Forward 2 PSU 100SWE48QF2,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Forward 2 PSU 100SWE48UF2,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Reverse 2 PSU 100SWE48QR2,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Reverse 2 PSU 100SWE48UR2,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Forward 1 PSU 100SWE48QF1,  
Intel® Omni-Path Edge Switch 100 Series 48 Port Forward 1 PSU 100SWE48UF1

**PCN 114958-00, Product Design, Label, Product Material**

**Regulatory Update, Fan Tray Update and Firmware Update**

**Date of Publication: October 28, 2016**

## **Key Characteristics of the Change:**

Product Design, Label, Product Material

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Oct 31, 2016
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The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

## Description of Change to the Customer:

Affected Product Code	Product Description
100SWE24QF2	Intel® Omni-Path Edge Switch 100 Series 24 Port Managed Forward 2 PSU 100SWE24QF2
100SWE24UF2	Intel® Omni-Path Edge Switch 100 Series 24 Port Forward 2 PSU 100SWE24UF2
100SWE24UF1	Intel® Omni-Path Edge Switch 100 Series 24 Port Forward 1 PSU 100SWE24UF1
100SWE48QF2	Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Forward 2 PSU 100SWE48QF2
100SWE48UF2	Intel® Omni-Path Edge Switch 100 Series 48 Port Forward 2 PSU 100SWE48UF2
100SWE48QR2	Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Reverse 2 PSU 100SWE48QR2
100SWE48UR2	Intel® Omni-Path Edge Switch 100 Series 48 Port Reverse 2 PSU 100SWE48UR2
100SWE48QF1	Intel® Omni-Path Edge Switch 100 Series 48 Port Managed Forward 1 PSU 100SWE48QF1
100SWE48UF1	Intel® Omni-Path Edge Switch 100 Series 48 Port Forward 1 PSU 100SWE48UF1

### Overview of Changes:

The affected Omni-Path Edge Switches shall be modified to:

- Update regulatory labels
- Update Read Me First documents
- Secure the fan tray during shipping
- Update firmware to version 10.2

Change 1: Regulatory and Compliance Certifications were successfully acquired from Argentina, Korea, Eurasian Customs Union, Taiwan, Mexico, Serbia, and Ukraine. The changes include the following:

- A. The regulatory label on the product will be updated with the marks for Argentina (IRAM/S), Korea (KC/MSIP), the Eurasian Customs Union (EAC), Taiwan (BSMI), Mexico (NOM), Serbia, and Ukraine.
- B. The Read Me First document will be updated to:
  - i. Change EN 55022 to EN 55032 and
  - ii. add contact for Intel CE mark related questions
- C. The packaging labels will be updated to reflect the Korean label requirements and California Prop 65.
- D. Updated the Power Rating for the switch 3.3A/4.0A (on page 5)

Change 2: The Read Me First document will be updated to:

- A. Add note for configuring an externally managed switch
- B. Remove GNU license reference
- C. Update page footers to include an additional document number and bar code for manufacturing purposes

Change 3: A screw and washer are being added to the fan tray to secure the fan tray and prevent any movement of the fan tray during shipping. There is a minor risk of the fan not being properly seated after handling or transport. There are no reported incidences from the field for hardware without this quality improvement.








Change 4: The 100SWE48 switch firmware version shall be updated from 10.0 to 10.2. The 100SWE24 switch firmware version shall be updated from 10.1 to 10.2.

**Product Material Change Details:**

Change 1A: Product Regulatory Label updates.

- Product regulatory labels will be updated to add marks for Argentina (IRAM/S), Korea (KC/MSIP), the Eurasian Customs Union (EAC), Taiwan (BSMI), Mexico (NOM), Serbia, and Ukraine.
- The CE mark question address will be changed from the US to Intel’s UK address.
- The label will be individualized for the two product models, 100SWE24 and 100SWE48.

100SWE24 & 100SWE48, Before:

<p>Intel® Regulatory Model Numbers/Ratings:          100SWE24 Electrical rating: 100-240VAC, 2.5A, 50/60Hz          100SWE48 Electrical rating: 100-240VAC, 3.0A, 50/60Hz</p> <p>FCC Part 15 Class A          This device complies with part 15 of the FCC rules.          Operation is subject to the following two conditions:          (1) This device may not cause harmful interference, and          (2) this device must accept any interference received,          including interference that may cause undesired operation.</p> <p>CAN ICES-3 (A)/NMB-3(A)</p>	<p>For CE Mark-Related Questions:          Intel Corporation          Attn: Corporate Quality          2200 Mission College Blvd.          Santa Clara, CA 95054-1549          USA</p> 
 	  
 <p><b>Warning!</b>          This unit may have more than one power cord. To reduce the risk of electric shock disconnect all cords before servicing the unit. Do not reenergize unit when cover is removed.</p> <p>Laite on liitettävä suojavaadoituskoskettimilla varustettuun pistorasiaan.          Apparaten må tilkoples jordat stikkontakt.          Apparaten skall anslutas till jordat uttag.</p> <p>仅适用于海拔2000m 以下地区安全使用          仅适用于非热带气候条件下安全使用</p>	<p><b>警告使用者:</b>          此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。</p> <p>A 급 기기 (업무용 정보통신기기)          이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 만약 잘못 판매 또는 구입하였을 때에는 각 정음으로 교환하시기 바랍니다.</p>
<p>Label PN H97033-002 Rev 01</p>	<p><b>Made in USA</b></p>

Intel® Regulatory Model Numbers/Ratings:  
100SWE24 Electrical rating: 100-240VAC, 3.3A, 50/60Hz

光纖網路交換機:  
型號: 100SWE24 額定輸入: 100-240VAC, 3.3A, 50/60Hz

For CE Mark-Related Questions:  
Intel Corporation (UK) Ltd.  
Attn: Corporate Quality  
Pipers Way, Swindon  
Wiltshire SN3 1RJ, UK



FCC Part 15 Class A  
This device complies with part 15 of the FCC rules.  
Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired operation.



CAN ICES-3 (A)/NMB-3(A)



HO05 16



MSIP-REM-CPU-100SWE48



D33025



001



**Warning!**  
This unit may have more than one power cord. To reduce the risk of electric shock disconnect all cords before servicing the unit. Do not reenergize unit when cover is removed.

Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.  
Apparatet må tilkoples jordat stikkontakt.  
Apparaten skall anslutas till jordat uttag.

仅适用于海拔2000m 以下地区安全使用  
仅适用于非热带气候条件下安全使用

**警告使用者:**  
此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

A 급 기기 (업무용 정보통신기기)  
이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 만약 잘못 판매 또는 구입하였을 때에는 가 정용으로 교환하시기 바랍니다.

Label PN J39095-001 Rev 01

Made in USA

100SWE48, After:

Intel® Regulatory Model Numbers/Ratings:  
100SWE48 Electrical rating: 100-240VAC, 4.0A, 50/60Hz

光纖網路交換機:  
型號: 100SWE48 額定輸入: 100-240VAC, 4.0A, 50/60Hz

FCC Part 15 Class A  
This device complies with part 15 of the FCC rules.  
Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired operation.

CAN ICES-3 (A)/NMB-3(A)

For CE Mark-Related Questions:  
Intel Corporation (UK) Ltd.  
Attn: Corporate Quality  
Pipers Way, Swindon  
Wiltshire SN3 1RJ, UK

TUV SUD US

50

CE

Warning!  
This unit may have more than one power cord. To reduce the risk of electric shock disconnect all cords before servicing the unit. Do not reenergize unit when cover is removed.

警告使用者:  
此為甲類資訊技術設備, 於居住環境中使用時, 可能會造成射頻擾動, 在此種情況下, 使用者會被要求採取某些適當的對策。

Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.  
Apparaten må tilkoples jordat stikkontakt.  
Apparaten skall anslutas till jordat uttag.

仅适用于海拔2000m 以下地区安全使用  
仅适用于非热带气候条件下安全使用

A 급 기기 (업무용 정보통신기기)  
이 기기는 업무용으로 전자파적합성을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 만약 잘못 판매 또는 구입하였을 때에는 가  
정용으로 교환하시기 바랍니다.

001

NOM

NYCE

RAM

S

HO05 16 MSIP-REM-CPU-100SWE48

EAC

D33025

Label PN J39094-001 Rev 01

Made in USA

Change 1.B: i: The Read Me First insert's CE statement will revise EN 55022 to EN 55032. EN55032 is replacing EN55022 and others for CE marking of multimedia equipment. ii: Intel's CE contact address will also be added to this section:

Before

**CE Statement**

The CE symbol on the equipment indicates that this system complies with the EMC (Electromagnetic Compatibility) directive of the European Community (2004/108/EC) and to the Low Voltage (Safety) Directive (2006/95/EC). Such marking indicates that this system meets or exceeds the following technical standards:

- EN 60950-1 "Safety of Information Technology Equipment".
- EN 55022: Class A - "Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment".
- EN 55024 "Electromagnetic compatibility - Generic immunity standard Part 1: Residential commercial, and light industry."
- EN 61000-3-2 "Limits For Harmonic Current Emissions (Equipment Input Current Less Than/Equal To 16 A Per Phase)" Class A
- EN61000-3-3 "Limitation Of Voltage Fluctuations And Flicker In Low-Voltage Supply Systems For Equipment With Rated Current Less Than Or Equal To 16 A"
- RoHS Directive 2011/65/EU

After

**CE Statement**










The CE symbol on the equipment indicates that this system complies with the EMC (Electromagnetic Compatibility) directive of the European Community (2004/108/EC) and to the Low Voltage (Safety) Directive (2006/95/EC). Such marking indicates that this system meets or exceeds the following technical standards:

- EN 60950-1 "Safety of Information Technology Equipment"
- EN 55032: Class A - "Electromagnetic compatibility of multimedia equipment - Emission Requirements"
- EN 55024 "Electromagnetic compatibility - Generic immunity standard Part 1: Residential commercial, and light industry"
- EN 61000-3-2 "Limits For Harmonic Current Emissions (Equipment Input Current Less Than/Equal To 16 A Per Phase)" Class A
- EN61000-3-3 "Limitation Of Voltage Fluctuations And Flicker In Low-Voltage Supply Systems For Equipment With Rated Current Less Than Or Equal To 16 A"
- RoHS Directive 2011/65/EU











For CE Mark-Related Questions:  
Intel Corporation (UK) Ltd.  
Attn: Corporate Quality  
Pipers Way, Swindon  
Wiltshire SN3 1RJ, UK

Change 1.C: Packaging labels will be updated to reflect the Korean label requirements. The packaging labels will also be individualized for the 100SWE24 and 100SWE48 models.

100SWE24 & 100SWE48, Before:

MM #: 123456 	Revision #: 12 
Product Code: 12345678901234 	Serial #: 1234567890123 
CARTON #: 1234567890 	BATCH #: 1234567890 
PACK DATE: 17-Jan-14 	Qty: 123 
PACKED BY: KOP01	
MADE IN CHINA WITH PARTIAL FOREIGN CONTENT	Intel Corporation (UK) Ltd., Attn: Corp Quality, Pipers Way, Swindon, Wiltshire SN3 1RJ, UK

100SWE24, After:

MM #: 123456 	MM Rev #: 12 
Product Code: 1234567890123456 	Serial #: 1234567890123 
CARTON #: 1234567890 	BATCH #: 1234567890 
PACK DATE: 26-Sep-16 	Qty: 1 
	PACKED BY: XXXXXX
MSIP-REM-CPU-100SWE48 Intel Omni-Path Edge Switch 24/48 Port Model: 100SWE24 Applicant: Intel Corporation Manufacturer: Flextronics International USA, Inc.	
MADE IN UNITED STATES WITH PARTIAL FOREIGN CONTENT	<b>WARNING</b> The product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
	For CE mark related questions: Intel Corporation (UK) Ltd., Attn: Corp Quality Pipers Way Swindon, Wiltshire SN3 1RJ, UK



100SWE48, After:

MM #: 123456 	MM Rev #: 12 
Product Code: 1234567890123456 	Serial #: 1234567890123 
CARTON #: 1234567890 	BATCH #: 1234567890 
PACK DATE: 29-Sep-16 	Qty: 1 
PACKED BY: XXXXXX	
MSIP-REM-CPU-100SWE48 Intel Omni-Path Edge Switch 24/48 Port Model: 100SWE48 Applicant: Intel Corporation Manufacturer: Flextronics International USA, Inc.	<b>WARNING</b> This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
MADE IN UNITED STATES WITH PARTIAL FOREIGN CONTENT	For CE mark related questions: Intel Corporation (UK) Ltd., Attn: Corp Quality Pipers Way Swindon, Wiltshire SN3 1RJ, UK

Change 2.A: The Read Me First will add a note for configuring an externally managed switch:

Before

**IMPORTANT:** For detailed installation instructions, refer to the *Intel® Omni-Path Fabrics Switches Hardware Installation Guide*.

- Use of the USB Serial Port requires a driver(s) download. This procedure is detailed in the *Intel® Omni-Path Fabrics Switches Hardware Installation Guide*. The port settings are 115200,8,1,N,N
- The USB serial cable provided is a *Type A-to-Type A* connector
- The default IP address is 192.168.100.9. The default mask is 255.255.255.0
- The default username and password for the Chassis Viewer GUI is admin and adminpass

**Edge Switch LEDs**

After

**IMPORTANT:** For detailed installation instructions, refer to the *Intel® Omni-Path Fabrics Switches Hardware Installation Guide*.

- Use of the USB Serial Port requires a driver(s) download. This procedure is detailed in the *Intel® Omni-Path Fabrics Switches Hardware Installation Guide*. The port settings are 115200,8,1,N,N
- The USB serial cable provided is a *Type A-to-Type A* connector
- The default IP address is 192.168.100.9. The default mask is 255.255.255.0
- The default username and password for the Chassis Viewer GUI is admin and adminpass

**IMPORTANT:** Externally-managed Edge switch setup: Refer to the *Configure Firmware on the Externally Managed Intel® Omni-Path Switches* chapter in the *Intel® Omni-Path Fabric Software Installation Guide*.

**Edge Switch LEDs**

Change 2.B: The Read Me First insert will remove the section on GNU License which is no longer applicable to this product.

Before

**GNU General Public License GNU**

This product contains firmware for Boot over Fabric functionality that is covered under the GNU General Public License, \* version 2, as published by the Free Software Foundation.

**Software License**

This product contains pre-installed software that is provided under the following license. By using or operating this product, you agree to the terms and conditions of the license.

After

**Intel® Software License**

This product contains pre-installed software that is provided under the following license. By using or operating this product, you agree to the terms and conditions of the license.

Change 2.C: The Read Me First insert will update page footers to include an Intel part number and bar code for manufacturing purposes.

Before

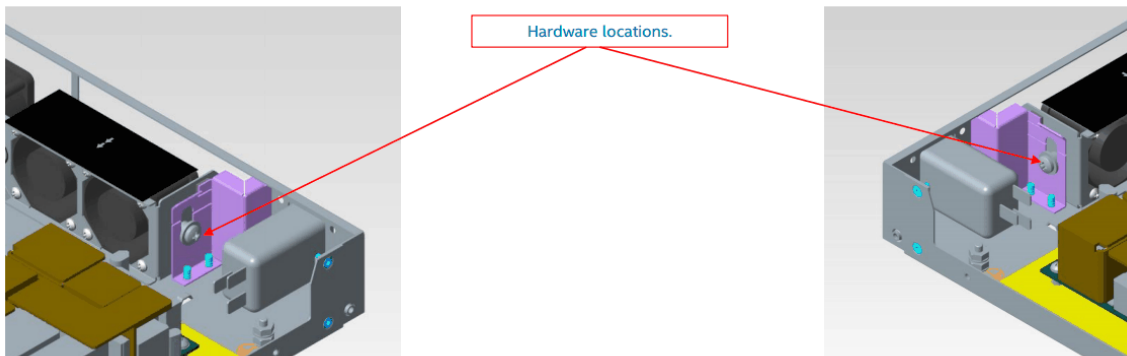
J24790-001 5

After

J24790-002 4



Change 3: The mechanical assembly will add a screw and washer to the fan tray to secure the fan tray and prevent any movement of the fan tray during shipping.





Change 4:

100SWE48:

- firmware without management version shall be changed from 10.0.1.2.1 to 10.2.0.0.152
- firmware with management version shall be changed from 10.0.1.2.1 to 10.2.0.0.154

100SWE24:

- firmware without management version shall be changed from 10.1.0.0.133 to 10.2.0.0.152
- firmware with management version shall be changed from 10.1.0.0.133 to 10.2.0.0.154

**Customer Impact of Change and Recommended Action:**

Intel is not recommending additional qualification of these changes by customers.

There is no change to the switch Intel Material Master (MM) numbers.

Please contact your local Intel Field Sales Representative if you have any questions about this change.

Milestone dates are estimates and subject to change based on business and operational conditions.

**Products Affected / Intel Ordering Codes:**

Product Code	MM#	Pre Change MM# Rev	Post Change MM# Rev	Pre Change TA	Post Change TA	Pre Change AS	Post Change AS
100SWE24QF2	945654	10	11	J24914-002	J24914-003	J25084-002	J25084-003
100SWE24UF2	945655	09	10	H95629-007	H95629-008	H95628-005	H95628-006
100SWE24UF1	945665	03	04	J27489-002	J27489-003	J27491-002	J27491-003
100SWE48QF2	948588	09	10	H93386-018	H93386-019	H93385-014	H93385-015
100SWE48UF2	948678	09	10	H95625-023	H95625-024	H95624-015	H95624-016
100SWE48QR2	945656	03	04	J28549-003	J28549-004	J28550-003	J28550-004
100SWE48UR2	945657	03	04	J28553-003	J28553-004	J28554-003	J28554-004
100SWE48QF1	945662	03	04	J24122-003	J24122-004	J24123-003	J24123-004
100SWE48UF1	945663	03	04	J21757-003	J21757-004	J21760-003	J21760-004

**PCN Revision History:**

**Date of Revision:**

October 28, 2016

**Revision Number:**

00

**Reason:**

Originally Published PCN



# Product Change Notification

## 114958 - 00

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The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

**Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.**

**Americas Contact:** [asmo.pcn@intel.com](mailto:asmo.pcn@intel.com)

**Asia Pacific/PRC Contact:** [apacgccb@intel.com](mailto:apacgccb@intel.com)

**Europe Email:** [eccb@intel.com](mailto:eccb@intel.com)

**Japan Email:** [jccb.ijkk@intel.com](mailto:jccb.ijkk@intel.com)

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