Intel® Server System SR1680MV

Spares/Parts List and Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Server System SR1680MV.

Revision History

Mar'10 – Rev 1.2 – Updated with Westmere Refresh SKUs (SR1680MVR)

Oct'09 – Rev 1.1 – Updated QDR Infiniband Module product code, MMID; Updated MMID for SR1680MVNA SKU and updated images.

July '09 - Rev 1.0 – Initial public release of Intel® Server System SR1680MV; includes product codes for system and spares and accessories.

Product Overview

Product Overview: The Intel® Server System SR1680MV is a modularized rack server system providing two independent dual socket/18DIMM nodes in a 1U chassis. This cable-free, half-width system is purpose built to meet your increasing compute density needs. The high memory capacity and flexible I/O capability make it ideal for virtualization and a broad range of HPC applications.

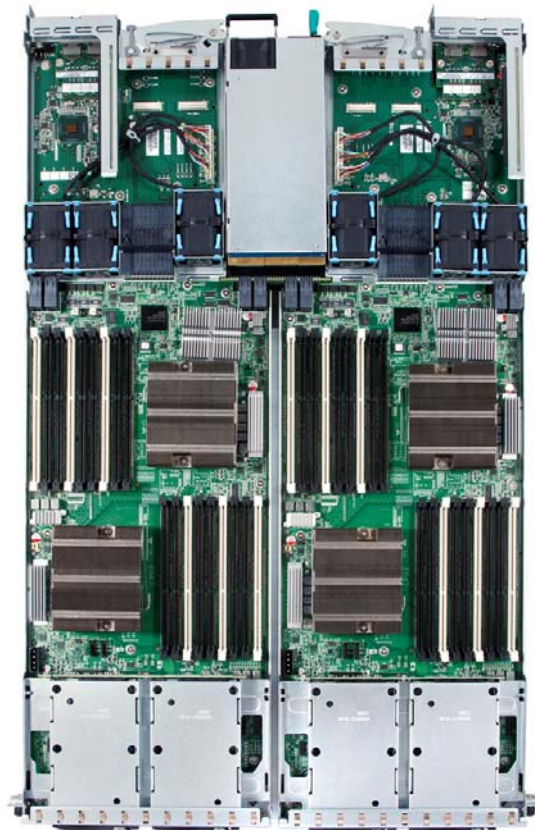## 1.1 Product Description – Overview

1. **Intel® Server System SR1680MV* (An integrated system SKU)**.

Integrated System – Ships as an integrated system** SKU including a rack optimized 1U chassis, two 18 DDR3 DIMMs Intel® Server Boards, a single high efficiency 1100-watt non-redundant power supply, 2 PCIe 2.0 X8 risers (1 per node), 2 Hot swap SATA backplane (2 per node) supporting a total of 4 2.5" HDD carriers (2 per node), rack rails/bracket & 4 processors heat sinks.

   *Chassis will not be offered separately

   **Customer is required to provide Processors, DDR3 main memory and hard drives seperately to configure a complete, bootable system.

   Note: In addition to this document, there is a web based tool to assist customers in selecting components for Intel Server Products available here: http://www.intel.com/go/serverconfigurator

Production Order Codes

1.2 System Order Codes

Product Code	MM#	UPC	Description
SR1680MVR	907620	00735858214735	Intel® Server System SR1680MV including: • 2 Intel® Server Board (Xeon 5500 & 5600 series) • 1 1U Intel® Server Chassis • 2 IO board (1 per node) • 4 2.5" hot swap HDD carriers (2 per node) • 2 PCI Express 2.0 x8 riser (1 per node) • 1 high-efficient non-redundant 1100-watt PSU • 2 hot swap SATA backplane (1 per node) • 6 dual-rotor system fans (3 per node) • 4 processor heatsinks • Rack rail/mounting bracket • Quick Start User Guide • Resource CD
SR1680MVRNA	905820	00735858214735	Same as SR1680MVR but includes North America Power cord
SR1680MV	903559	00735858210447	Same as SR1680MVR but without inherent Westmere BIOS
SR1680MVNA	903804	00735858210454	Same as SR1680MV but includes North America Power cord

*Chassis will not be offered separately
**Customer is required to provide Processors, DDR3 main memory and hard drives seperately to configure a complete, bootable system.

Note: In addition to this document, there is a web based tool to assist customers in selecting components for Intel Server Products available here: http://www.intel.com/go/serverconfigurator

1.3 Optional System Accessory Order Codes:

Product Code	MM#	UPC	Description
FSR1680PMKIT	903937	00735858211420	System maintenance kit accessory for SR1680MV
FSR1680IOLFT	903958	00735858211369	Spare rear IO cage for SR1680MV - left
FSR1680IORHT	903969	00735858211376	Spare rear IO cage for SR1680MV - right
FSR1680BRD	903979	00735858211338	Spare main board for SR1680MV
FSR1680BRDR	907621	00735858214933	Spare main board for SR1680MV – Refresh SKU
FSR1680FAN	903987	00735858211345	Spare system fan kit for SR1680MV
FSR1680PS	904006	00735858211413	Spare 1100-watt PSU for SR1680MV
FSR1680PDB	904007	00735858211390	Spare power distribution board for SR1680MV
FSR1680RISER	904009	00735858211406	Spare PCIe 2.0 riser for SR1680MV
FSR1680HDDCAR	904010	00735858211352	Spare 2.5" HDD carrier for SR1680MV
FSR1680NICBRD	904023	00735858211383	Spare NIC board for SR1680MV
FSR1680BP	904028	00735858211321	Spare hot swap HDD backplane for SR1680MV
AXX10GBIOMOD	900962	00735858206525	Dual port 10 Gigabit Ethernet Intel® I/O Expansion Module based on Intel 82598 controller with CX4 connectors
AXXIBQDRIOMV	904810	00735858213080	Single port QDR Infiniband Intel® I/O Expansion Module with CX4 connector with unique heat sink for SR1680MV