Intel[®] Compute Module MFS2600KI Quick Start User's Guide

Thank you for buying an Intel[®] Compute Module. The following information will help you assemble your Intel[®] Compute Module MFS2600KI and install components.

This guide and other supporting documents are located on the web at http://support.intel.com/support/motherboards/server/MFS2600KI/

If you are not familiar with ESD (Electrostatic Discharge) procedures used during system integration, please see the Intel Compute Module MFS2600KI User Guide, available at

Read all cautions and warnings before starting your compute module integration.



Warning

Read all caution and safety statements in this document before performing any of the instructions. Also see the Intel® Server Board and Server Chassis Safety Information document at: http://www.intel.com/support/ motherboards/server/sb/cs-010770.htm for complete safety information.

Warning

Installation and service of this product to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

Caution

Observe normal ESD [Electrostatic Discharge] procedures during system integration to avoid possible damage to compute module and/or other components.

Tools Required



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Processor(s):

Heatsink(s):

Memory: • Minimum of one 1024-MB,



Memory Configurations and Population Order:

Memory Type: Minimum of one 1024-MB, DDR3 UDIMM, RDIMM or LRDIMM.

RDIMMs must be ECC only, while UDIMMs can be ECC or non-ECC. RDIMMs and UDIMMs cannot be mixed. The memory slots of each DDR3 channel from the Intel® Xeon® Processor

E5-2600 Series are populated in a farthest-first fashion. The minimum memory population possible is one DIMM in slot A1. If both processor sockets are populated, the next upgrade from the Single Channel mode is installing DIMM E1.

If only one processor socket is populated, the next upgrade from the Single Channel mode is installing DIMM B1 to allow channel interleaving.

NOTE: The MFS2600KI compute module has 14 DIMM blanks installed and DIMM slots A1 and E1 are empty. Take out the DIMM blanks only when real DIMMs are installed into those DIMM slots.

For additional memory configurations, see the Technical Product Specification and User Guide on the Resource CD that accompanied your Intel® Compute Module MFS2600KI or go to: //support.intel.com/support/motherboards/

Memory sizing and configuration is supported only for qualified DIMMs approved by Intel. For a list of supported memory, see the Tested Memory List at

http://support.intel.com/support/motherboards/server/MFS2600KI/compat.htm.



To Install DIMMs:





Front Panel Connectors and Indicators



Component Layout



Diagnostic LED Information			
LED Name	Function	Color	Indicator
Power LED	Identifies power state of compute module	Green	Off = Power is off On = Power on Slow Blink = Power is in standby or sleeping mode
Fault LED	Identifies fault warning	Amber	Off = No Ready/OK Solid On = Critical or non-recoverable error 1Hz Blink = Non-critical or recoverable error
ID LED	Provides an aid in identifying a compute module from the front panel	Blue	Use Intel [®] Modular Server Control UI to turn ID LED on or off
Drive Activity LED	Indicates drive activity	Green	Off = No drive activity Blink = Drive activity
NIC1 - NIC2 LEDs	Indicates network activity and link	Green	Blink = Outbound Activity
NIC3 - NIC4 LEDs	Indicates network activity and link of NICs on I/O mezzanine card	Green	Off = No link On = Link established Blink = Activity

