**Contact Information**

- www.supermicro.com (Email: support@supermicro.com)
- Manuals: http://www.supermicro.com/support/manuals
- Safety: http://www.supermicro.com/about/policies/safety_information.cfm

**Package Contents**

- One (1) Supermicro Motherboard
- Six (6) Serial ATA Cables (X9DRH-7F/7TF)
- Two (2) Serial ATA Cables (X9DRH-7F/7TF)
- One (1) I/O Shield

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**Motherboard Layout and Features**

- **CPU Installation**
- **Heatsink Installation**
- **Front Panel Control (JF1)**

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**Jumpers, Connectors and LED Indicators**

- **Jumpers**
- **Connectors**
- **LED Indicators**

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**Memory Support**

This motherboard supports up to 1TB of 240-pin Registered (RDIMM)/Load Reduced (LRDIMM)/Non-Volatile (NVDIMM) ECC or Unbuffered (UDDIMM) ECC/Non-ECC DDR3 1333/1600/1866/1066 MHz memory in 16 slots (1866 MHz is not available on NVDIMMs.)

**Package Content:**

- Six (6) Serial ATA Cables (X9DRH-7F/7TF)
- Two (2) Serial ATA Cables (X9DRH-7F/7TF)
- One (1) I/O Shield

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**DIMM Installation**

Insert the desired number of DIMMs into the memory slots, starting with P1-DIMMA1.

**Insert the desired number of DIMMs into the memory slots, starting with P1-DIMMA1.**

For memory to work properly, follow the tables below for memory population order.

**Refer to Chapter 2 of the User Manual for detailed information on jumpers, connectors, and LED indicators.**

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**Processor and their Corresponding Memory Modules**

**CPU**

- **CPUs**
- **Memory Modules**
- **CPUs**
- **DIMMs**
- **CPUs**
- **DIMMs**
- **CPUs**
- **DIMMs**

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**Processor and Memory Module Population for Optimal Performance**

**Number of CPUs+DIMMs**

**CPU and Memory Population Configuration Table**

(For memory to work properly, please follow the instructions below.)

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**Note:**

- For memory to work properly, please follow the instructions below.
- All Trademarks are property of their respective entities. All information provided is deemed accurate at the time of printing; however, it is not guaranteed.

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**Graphics shown in this quick reference guide are for illustrations only. Your components may or may not look exactly the same as drawings shown in this guide.**

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**Note:** Insert the desired number of DIMMs into the memory slots, starting with P1-DIMMA1.

**For memory to work properly, follow the tables below for memory population order.**

**Refer to Chapter 2 of the User Manual for detailed information on memory support and CPU/Motherboard installation instructions.**

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