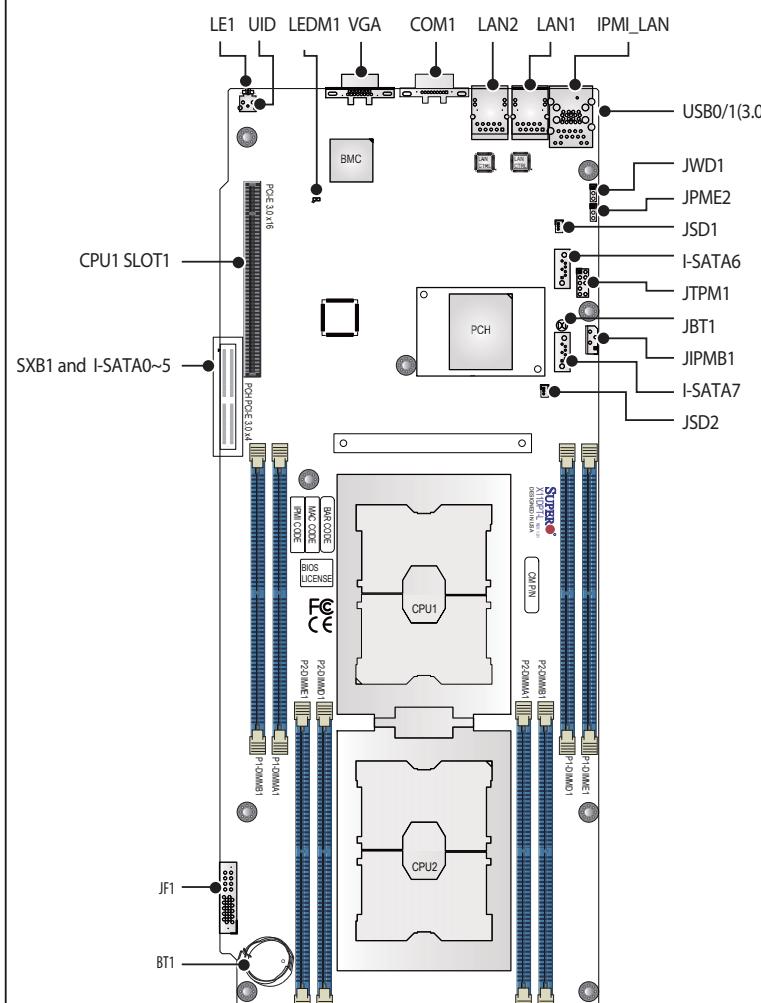
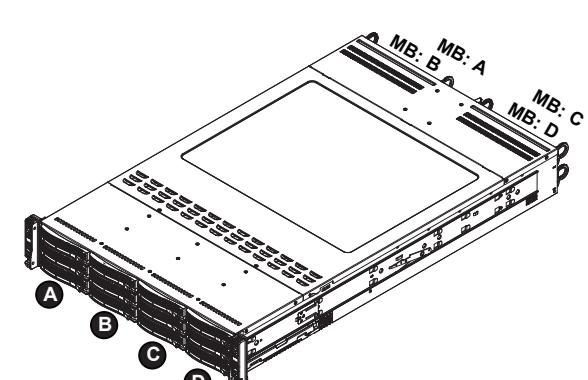
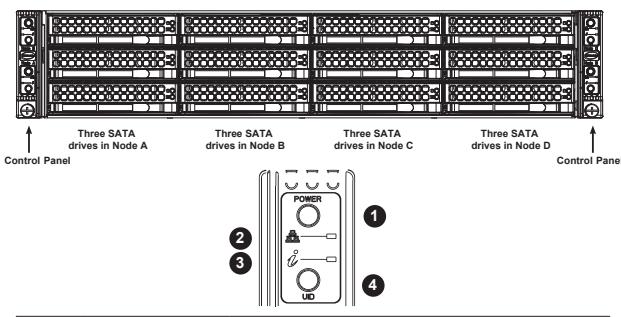
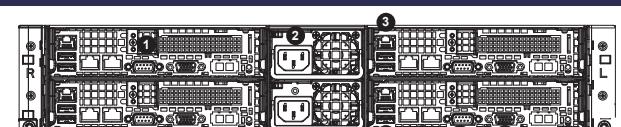
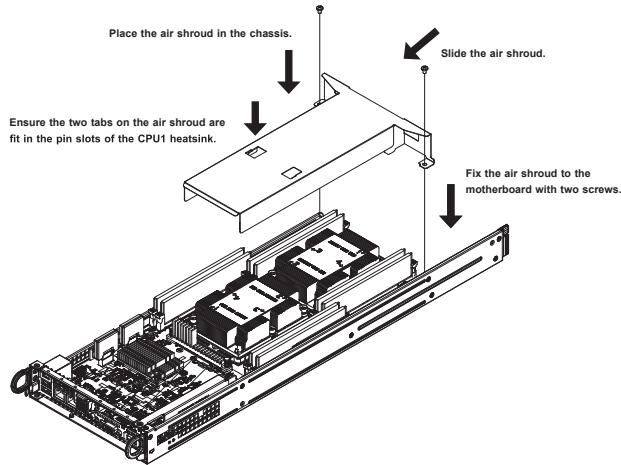
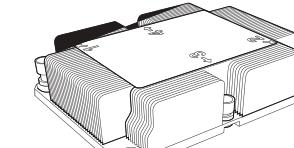
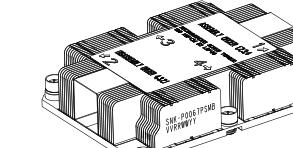
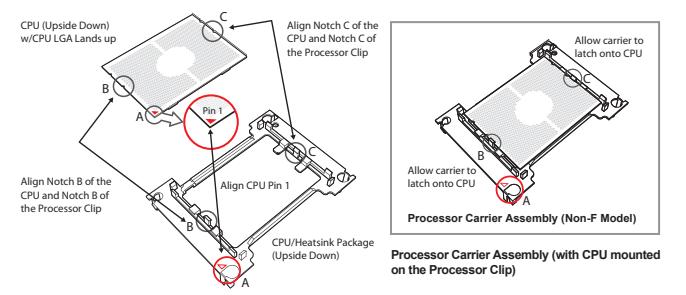
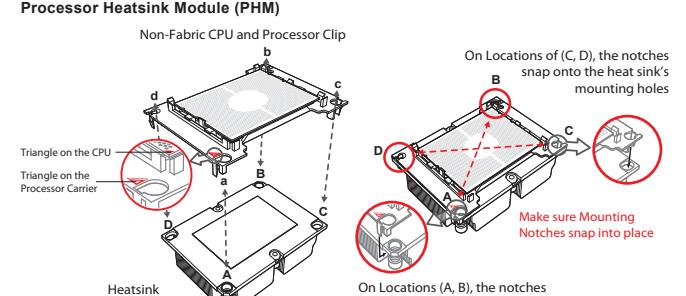
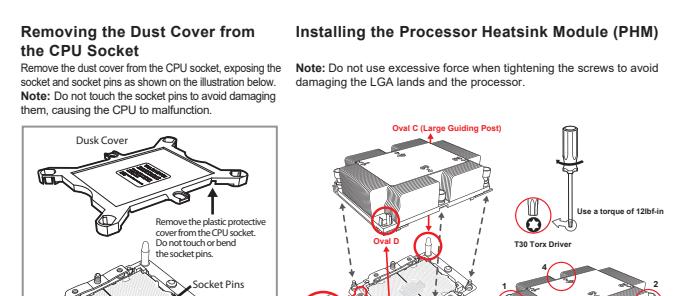
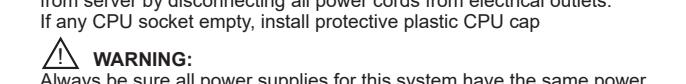
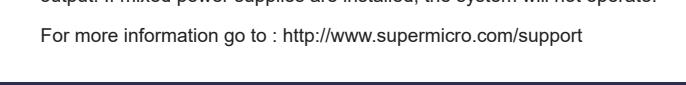


Board Layout		
		
<b>Jumper</b> <b>Description</b> <b>Default Setting</b>		
JBT1	CMOS Clear	Open (Normal)
JPME2	Manufacturing Mode Select	Pins 1-2 (Normal)
JWD1	Watch Dog Timer Enable	Pins 1-2 (Enabled, Reset)
<b>Connector</b> <b>Description</b>		
BT1	Onboard Battery	
COM1	Backpanel COM port	
IPMI_LAN	Dedicated IPMI LAN port	
I-SATA0-5	SATA 3.0 connection header supported by the Intel® PCH	
I-SATA6/I-SATA7	I-SATA Ports with built-in power pins and with support of Supermicro SuperDOM (Disk On Module) devices	
JF1	Front Panel Control Signals and Power Input Connector	
JIPMB1	4-pin BMC External I²C header (for an IPMI-supported card)	
JSD1/JSD2	SATA DOM Power Connectors 1/2	
JTPM1	Trusted Platform Module (TPM)/Port 80 connector	
LAN1/2	Gigabit LAN Ethernet Ports on the I/O Backpanel	
(CPU1) SLOT1	PCI-Express 3.0 x16 Slot Supported by CPU1	
SXB1	PCI-Express 3.0 x4 from PCH to SMCI- Proprietary Storage Slot for M.2 Hybrid (SATA/NVME) Support on ADP, SATA0-5 Support on Backplane	
UID	Unit Identifier (UID) Switch	
USB0/1	Backpanel USB 3.0 Ports	
VGA	VGA Port	
<b>LED</b> <b>Description</b> <b>Status</b>		
LE1	UID (Unit Identifier) LED	Solid Blue: Unit identified
LEDM1	BMC Heartbeat LED	Blinking Green: BMC normal

Memory Support		
<b>Memory Population Table</b>		
<b>When 1 CPU is used:</b>		<b>Memory Population Sequence</b>
<b>1 CPU &amp; 1 DIMM</b>		CPU1: P1-DIMMA1
<b>1 CPU &amp; 2 DIMMs</b>		CPU1: P1-DIMMA1/P1-DIMMD1
<b>1 CPU &amp; 3 DIMMs (Unbalanced: not recommended)</b>		CPU1: P1-DIMMA1/P1-DIMMB1/P1-DIMMD1
<b>1 CPU &amp; 4 DIMMs</b>		CPU1: P1-DIMMA1/P1-DIMMB1/P1-DIMMD1/P1-DIMME1
<b>When 2 CPUs are used:</b>		<b>Memory Population Sequence</b>
<b>2 CPUs &amp; 2 DIMMs</b>		CPU1: P1-DIMMA1 CPU2: P2-DIMMA1
<b>2 CPUs &amp; 4 DIMMs</b>		CPU1: P1-DIMMA1/P1-DIMMD1 CPU2: P2-DIMMA1/P2-DIMMD1
<b>2 CPUs &amp; 6 DIMMs</b>		CPU1: P1-DIMMA1/P1-DIMMB1/P1-DIMMD1/P1-DIMME1 CPU2: P2-DIMMA1/P2-DIMMD1
<b>2 CPUs &amp; 8 DIMMs</b>		CPU1: P1-DIMMA1/P1-DIMMB1/P1-DIMMD1/P1-DIMME1 CPU2: P2-DIMMA1/P2-DIMMB1/P2-DIMMD1/P2-DIMME1
<b>Nodes and Corresponding Hard Drives</b>		
		
<b>Serverboard Drawer Locations in the Chassis</b>		
Serverboard A Controls HDDs A0, A1, A2 Serverboard B Controls HDDs B0, B1, B2 Serverboard C Controls HDDs C0, C1, C2 Serverboard D Controls HDDs D0, D1, D2		

Front view & Interface																													
																													
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Heatsinks		
		<b>Heatsink SNK-P0067PS (for CPU1)</b>
		<b>Heatsink SNK-P0067PSM (for CPU2)</b>
CPU Installation		
		
<b>Attaching the Non-F Model Processor Carrier Assembly to the Heatsink to Form the Processor Heatsink Module (PHM)</b>		
		
<b>Non-Fabric CPU and Processor Clip</b>		
		
<b>Processor Carrier Assembly (Non-F Model)</b>		
		
<b>Processor Carrier Assembly (with CPU mounted on the Processor Clip)</b>		
<b>Removing the Dust Cover from the CPU Socket</b>		
		
<b>Installing the Processor Heatsink Module (PHM)</b>		
		
<b>Caution</b>		
<b>SAFETY INFORMATION</b>		
<b>IMPORTANT:</b> See installation instructions and safety warning before connecting system to power supply. <a href="http://www.supermicro.com/about/policies/safety_information.cfm">http://www.supermicro.com/about/policies/safety_information.cfm</a>		
<b>WARNING:</b>		
<b>To reduce risk of electric shock/damage to equipment, disconnect power from server by disconnecting all power cords from electrical outlets. If any CPU socket empty, install protective plastic CPU cap.</b>		
<b>WARNING:</b>		
<b>Always be sure all power supplies for this system have the same power output. If mixed power supplies are installed, the system will not operate.</b>		
For more information go to : <a href="http://www.supermicro.com/support">http://www.supermicro.com/support</a>		

