

# SuperServer 6015C-NiB / 6015C-Ni

[Products](#) ▶ [Systems](#) ▶ [1U](#) ▶ [\[ 6015C-NiB / 6015C-Ni \]](#)



Integrated Board



Super X7DCU

Available Colors: Black Beige

▶ [Drivers & Utilities](#) ▶ [BIOS](#) ▶ [Tested Memory List](#) ▶ [Manuals](#)

Note: Image above may show a varied configuration or optional parts. Please refer to parts list for standard parts included.

## Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 1333 / 1066 MHz FSB
2. Up to 48GB 667/533MHz DDR2 ECC Register SDRAM
3. Left Slot (Full-height / Full-length):  
2 (x8) PCI-Express
4. Right Slot (Low-Profile size w/ 5.5" length):  
1 (x8) PCI-Express
5. Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT
6. 3 x 3.5" internal Drive Bays
7. 520W High-efficiency Power Supply

## Specifications

**Product SKUs - Discontinued SKU (EOL). Please contact sales-rep for alternative options.**

**SYS-6015C-NiB** ■ SuperServer 6015C-NiB (Black)

**SYS-6015C-Ni** ■ SuperServer 6015C-Ni (Beige)

### Motherboard

Super X7DCU

### Processor/Cache

#### CPU

- Dual 771-pin LGA Sockets
- Supports up to Dual Intel® 64-bit Xeon® processor(s) of the same type below:
  - Quad-Core Intel® Xeon® Processor 5400/5300 sequence (Harpertown /Clovertown processor) up to 3.16 GHz
  - Dual-Core Intel® Xeon® Processor 5200/5100 sequence (Wolfdale/Woodcrest processor) up to 3.40 GHz

**System Bus** ■ 1333 / 1066 MHz system bus

**Operating System Software** ■ Supports 64-bit Operating Systems  
■ Supports 32-bit Operating Systems

### System Memory

#### Memory Capacity

- Six 240-pin DIMM slots
- Supports up to 48GB 667/533MHz DDR2 ECC Register SDRAM
- Dual channel memory bus
- Memory must be populated in pairs

**Memory Type** ■ 667/533MHz Register DDR2 ECC SDRAM 72-bit, 240-pin gold-plated DIMMs

**DIMM Sizes** ■ 1GB, 2GB, 4GB, 8GB\*\*

**Memory Voltage** ■ 1.8V only

**Error Detection** ■ Corrects single-bit errors  
■ Detects double-bit errors (using ECC memory)

### On-Board Devices

**Chipset** ■ Intel® 5100 (San Clemente) chipset  
■ Intel® ICH9R

**SATA** ■ Intel ICH9R SB SATAII Controller  
■ RAID 0, 1, 5, 10 support (Windows only)  
■ RAID 0, 1, 10 support (Linux)

### Chassis

**Form Factor** ■ 1U Rackmount

**Model** ■ SC812L-520U(B)

### Dimensions

**Height** ■ 1.7" (43mm)

**Width** ■ 16.8" (426mm)

**Depth** ■ 25.6" (650mm)

**Gross Weight** ■ 34 lbs (15.2kg)

**Available Colors** ■ Beige, Black

### Front Panel

**Buttons** ■ Power On/Off Button  
■ System Reset Button  
■ UID Button

**LEDs** ■ Power LED  
■ Hard drive activity LED  
■ 2x Network activity LEDs  
■ Universal Information (UID) LED

**Ports** ■ none

**Optional Front Bezel** ■ Please refer to the [Front Bezel Compatibility Table](#)

### Expansion Slots

**Left Slot** ■ 2 (x8) PCI-E Slot

**Right Slot** ■ 1 (x8) PCI-E Slot (Low profile size w/ 5.5" length)

### Drive Bays

**Internal Bay** ■ 3x 3.5" Internal Drive Bays

### System Cooling

**Fans** ■ 2x 10cm blower fans

### Power Supply

520W AC power supply w/ PFC

**AC Voltage** ■ 100 - 240V, 50 - 60Hz, 7 - 3Amp

**+5V** ■ 20 Amp

**+5V standby** ■ 3 Amp

**+12V** ■ 39 Amp

**-12V** ■ 0.5 Amp

**+3.3V** ■ 16 Amp

### System BIOS

**BIOS Type** ■ 16Mb SPI Flash with Phoenix® BIOS

<b>IPMI</b>	<ul style="list-style-type: none"><li>■ Support for Intelligent Platform Management Interface v.2.0 / 1.5</li><li>■ 200-pin IPMI slot (SIMSO(+))</li><li>■ (Optional: AOC-SIMSO(+))</li></ul>
<b>Network Controllers</b>	<ul style="list-style-type: none"><li>■ Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT</li><li>■ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li><li>■ Intel® I/OAT support for fast, scalable, and reliable networking</li></ul>
<b>Graphics</b>	<ul style="list-style-type: none"><li>■ ATI ES1000 controller with 32 MB of video memory</li></ul>
<b>Super I/O</b>	<ul style="list-style-type: none"><li>■ Winbond 83627HF chip</li></ul>
<b>Clock Generator</b>	<ul style="list-style-type: none"><li>■ CK505 chip</li></ul>
<b>Input / Output</b>	
<b>Serial ATA</b>	<ul style="list-style-type: none"><li>■ Six Serial ATA ports</li><li>■ Six SATA hard drives supported</li></ul>
<b>IDE</b>	<ul style="list-style-type: none"><li>■ Single EIDE channel supports up to two UDMA IDE devices</li><li>■ Supports UDMA Mode 5, PIO Mode 4, and ATA/100</li></ul>
<b>Floppy</b>	<ul style="list-style-type: none"><li>■ 1 Floppy controller; 1.44 MB, 2.88 MB</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>■ 2x RJ45 LAN ports</li></ul>
<b>USB</b>	<ul style="list-style-type: none"><li>■ 2 rear + 1 Type A connector + 2 headers (3 Ports)</li><li>■ 6 total USB ports, 2.0 Compliant / 1.1 Compliant</li></ul>
<b>VGA</b>	<ul style="list-style-type: none"><li>■ 1x VGA Port</li></ul>
<b>Keyboard / Mouse</b>	<ul style="list-style-type: none"><li>■ PS/2 keyboard and mouse ports</li></ul>
<b>Serial Port / Header</b>	<ul style="list-style-type: none"><li>■ 1 Fast UART 16550 serial port</li></ul>

<b>BIOS Features</b>	<ul style="list-style-type: none"><li>■ Plug and Play (PnP)</li><li>■ DMI 2.3</li><li>■ PCI 2.2</li><li>■ ACPI 1.0/2.0/3.0</li><li>■ USB Keyboard support</li><li>■ Hardware BIOS Virus protection</li><li>■ SMBIOS 2.3</li></ul>
<b>Operating Environment</b>	
<b>Environmental Spec.</b>	<ul style="list-style-type: none"><li>■ Operating Temperature: 10° to 35°C (50° to 95°F)</li><li>■ Non-operating Temperature: -40° to 70°C (-40° to 158°F)</li><li>■ Operating Relative Humidity: 8% to 90% (non-condensing)</li><li>■ Non-operating Relative Humidity: 5 to 95% (non-condensing)</li></ul>

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
<b>Motherboard / Chassis</b>	MBD-X7DCU-O-P	1	Super X7DCU Motherboard
	CSE-812L-520(B)	1	1U SC812 Chassis (B = Black)
<b>Cable(s)</b>	CBL-0206L	1	48 CM SATA Round Cable
	CBL-0207L	1	59 CM SATA Round Cable
	CBL-0208L	1	70 CM SATA Round Cable
<b>CD</b>	CDR-X7	1	Driver CD
<b>Fan</b>	FAN-0059L4	1	10CM 4-pin blower
<b>Heatsink / Retention</b>	SNK-P0017	2	Please refer to our <a href="#">Thermal Components Matrix</a>
<b>Manual</b>	MNL-1017	1	SS6015B-Ni User's Manual
<b>Mounting Rails</b>	CSE-PT34	1	1U Mounting Rail Kit
<b>Power Supply</b>	PWS-521-1H20	1	520W 1U power supply
<b>Riser Card</b>	RSC-R1UU-2E8	1	1U 2-Slot PCI-E (x8) - Left Side
	RSC-R1UU-E8R+	1	1U 1-Slot PCI-E (x8) - (Low Profile) Right Side

Optional Parts List			
	Part Number	Qty	Description
<b>IPMI</b>	AOC-SIMSO	-	IPMI 2.0 w/ Virtual Media Over LAN
	AOC-SIMSO+	-	IPMI 2.0 w/ Virtual Media + KVM Over LAN (CBL-0177L is required for dedicated LAN)

\*\*This memory modules are not tested yet