

## UP Workstation SYS-530AD-I

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### Key Applications

- High-performance Gaming
- Content Creation

### Key Features

1. 11th Generation Intel® Core™ Processors (i3/i5/i7/i9), Pentium® and Celeron® Processors
2. 2 PCI-E 4.0 x16 slots (16/NA or 8/8) 2 PCI-E 3.0 x1 2xPCI-E 4.0 x16 Slots (Slot#4 and Slot#6 can be configured as 16/NA, 8/8) M.2 Interface: 1 PCI-E 4.0 x4 and 2 PCI-E 3.0 x4
3. Single LAN with Intel® i219V 1Gb Single LAN with Marvell AQC113C 10Gb
4. 3x 12cm PWM Fans
5. 750W 80PLUS Gold Power Supply

# Specifications

## Product SKUs

- SYS-530AD-I** ■ SuperServer SYS-530AD-I (Black / Gray)

## Motherboard

### Super C9Z590-CG

## Processor

- CPU** ■ Single Socket H5 (LGA-1200)  
 ■ 11th Generation Intel® Core™ Processors  
 ■ Support CPU TDP 125W

- Cores** ■ Up to 8C/16T; Up to 16MB Cache

## System Memory

- Memory** ■ Memory Capacity: 4 DIMM slots  
 ■ Memory Type: 3200MHz DDR4 non-ECC UDIMM

## On-Board Devices

- Chipset** ■ Intel® Z590

- Network Connectivity** ■ 1x 1GbE BaseT with Intel® PHY i219V  
 ■ 1x 10GbE BaseT with Marvell AQC113C

## Input / Output

- SATA** ■ 4 SATA (6Gbps) port(s)

- USB** ■ 2 USB 3.2 Gen 1 port(s) (2 front)  
 ■ 6 USB 2.0 port(s) (2 header; 4 rear)  
 ■ 2 USB 3.2 Gen 2 port(s) (2 rear)  
 ■ 3 USB 3.2 Gen 2x2 port(s) (3 rear)

- Serial Port** ■ 1 COM Port(s) (1 header)

## System BIOS

- BIOS Type** ■ AMI 256MB SPI Flash

## Management

- Software** ■ SuperDoctor 5

- Power Configurations** ■ ACPI 6.0

## PC Health Monitoring

## Chassis

- Form Factor** ■ Mid-Tower

- Model** ■ **CSE-GS5A-754K**

## Dimensions and Weight

- Height** ■ 18.1" (460mm)

- Width** ■ 7.9" (200mm)

- Depth** ■ 19.4" (493mm)

- Package** ■ 24.9" (H) x 14.2" (W) x 24" (D)

- Weight** ■ Net Weight: 20 lbs (9 kg)  
 ■ Gross Weight: 26 lbs (11.8 kg)

- Available Color** ■ Black / Gray

## Front Panel

- Buttons** ■ Power On/Off  
 ■ System Reset

- LEDs** ■ HDD activity  
 ■ Power On

## Expansion Slots

- PCI-Express (PCI-E)** ■ Slot 5: PCI-E 4.0 x16  
 ■ Slot 7: PCI-E 4.0 x16  
 ■ Slot 1: PCI-E 3.0 x1  
 ■ Slot 3: PCI-E 3.0  
 (Slot#5 and Slot#7 can be configured as 16/NA or 8/8)

## Drive Bays / Storage

- Drive Bays** ■ 6x 3.5" SATA drive bays

- M.2** ■ 1x PCI-E 4.0 x4  
 ■ 2x PCI-E 3.0 x4

- Peripheral Bays** ■ 2x 5.25" drive bays

## System Cooling

- Fans** ■ 3x 12cm heavy duty fans with optimal fan speed control

## Power Supply

750W 80PLUS Gold PS/2 Power Supply

- Dimension (W x H x L)** ■ 150 x 86 x 140 mm

- AC Input** ■ 100-240Vac / 50-60Hz

- +12V** ■ Max: 62A (100Vdc-240Vdc)

- Output Type** ■ PS/2

- Certification** ■ Gold Level

[ [Test Report](#) ]

**Voltage**

- +1.0V PCH, +1.8V PCH, +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 3.3V standby, 5 (4-pin), CPU, CPU temperature, CPU thermal trip support, PCH temperature, System temperature, VBAT, VRM temperature

**Other Features**

- 8-pin 12v DC power connector, ACPI power management, ATX Power connector, Chassis intrusion header, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protecti

**Operating Environment****Environmental Spec.**

- Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
- Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
- Operating Relative Humidity: 8% to 90% (non-condensing)
- Non-operating Relative Humidity: 5% to 95% (non-condensing)

## Parts List

### Parts List - (Items Included)

	Part Number	Qty	Description
<b>Motherboard / Chassis</b>	MBD-C9Z590-CG	1	Super C9Z590-CG Motherboard
	CSE-GS5A-754K	1	Mid-Tower Chassis
<b>*Power Supply</b>	PWS-754-PQ	1	SSR-750FX 750W Multi-output-output PS with modular cable
<b>*Drive Tray(s)</b>	MCP-220-GS501-0B	1	S5 Mid-Tower Chassis 5.25inch Drive Tray
<b>*Drive Tray(s)</b>	MCP-220-GS502-0B	1	S5 Mid-Tower Chassis Tool-less Internal 2.5\ " HDD Carrier
<b>*Drive Tray(s)</b>	MCP-220-GS503-0B	1	S5 Mid-Tower Chassis Tool-less Internal 3.5\ " HDD Carrier

#### Notes:

1. Parts with \* are inside the chassis
2. Excessive parts might not be shipped, including but not limited to excessive drive trays, fans, riser brackets, air shrouds, IO shields, cables.....etc.

### Optional Parts List

	Part Number	Qty	Description
<b>DVD Kit</b>	CBL-SAST-0624 • eStore	1	70cm SATA Cable S-S 30AWG
	DVM-LITE-DVDRW24- HBT1	1	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE
	CBL-0082L •eStore	1	Y SPLIT SATA POWER ADAPTER
<b>Liquid Cooling</b>	SNK-P3017A	1	Closed-loop Liquid Cooling kit (280mm)
<b>Mobile Rack</b>	CSE-M14TQC	1	SAS3/SATA mobile rack for 4x 2.5" drives