Desktop Gaming Workstation SYS-530AD-I

UP mid-tower workstation for gaming and content creation
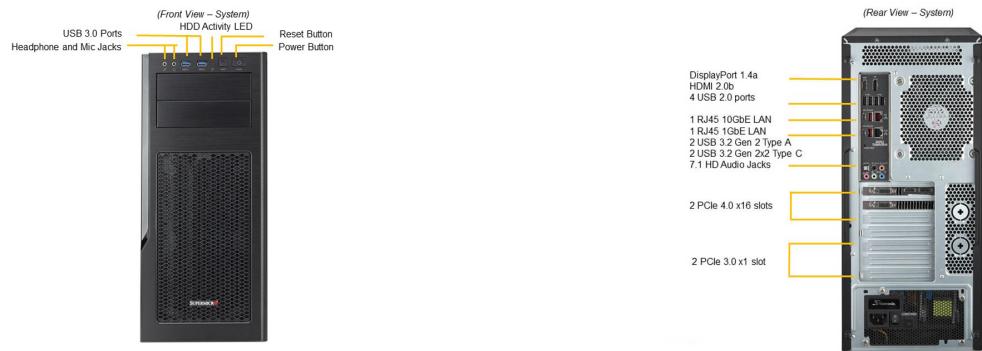
Key Applications

High-performance Gaming, Content Creation,

Key Features

- Supports 11th Gen Intel® Core™ Processors (i3/i5/i7/i9), Pentium® and Celeron® Processors;
- 2 PCIe 4.0 x16 slots (16/NA or 8/8) and 2 PCIe 3.0 x1;
- 3x 12cm PWM Fans;
- 750W 80PLUS Gold Power Supply;

Form Factor	Mid-Tower Enclosure: 200 x 460 x 493mm (7.9" x 18.1" x 19.4") Package: 361 x 632 x 610mm (14.2" x 24.9" x 24")
Processor	Single Socket H5 (LGA-1200) 11th Gen Intel® Core™ Processors Up to 8C/16T; Up to 16MB Cache
GPU	Up to 1 double-width GPU
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s non-ECC DDR4 UDIMM
Drive Bays Configuration	Default: Total 6 bays • 6 internal fixed 3.5" SATA drive bays M.2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110) 　　1 M.2 PCIe 4.0 x4 NVMe slot (M-key 2280/22110) Peripheral Bays: 2 5.25" bays
Expansion Slots	Default • 2 PCIe 4.0 x8 FHFL slots • 2 PCIe 3.0 x1 FHFL slots Option A • 1 PCIe 4.0 x16 FHFL slot • 2 PCIe 3.0 x1 FHFL slots
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® Z590 Network Connectivity: 1 RJ45 1GbE with Intel® PHY I219-V 　　　　　　　　　　　　　1 RJ45 10GbE with Marvell® AQC113C
Input / Output	USB: 4 USB 2.0 ports(rear) 　　　2 USB 2.0 ports(header) 　　　2 ports(front) 　　　2 ports(rear) Video: 1 HDMI 2.0b port 　　　1 DisplayPort 1.4 port Audio: 7.1 HD Audio TPM: 1 TPM header

(Front View – System)
USB 3.0 Ports
Headphone and Mic Jacks
HDD Activity LED
Reset Button
Power Button

(Rear View – System)
DisplayPort 1.4a
HDMI 2.0b
4 USB 2.0 ports
1 RJ45 10GbE LAN
1 RJ45 1GbE LAN
2 USB 3.2 Gen 2 Type A
2 USB 3.2 Gen 2x2 Type C
7.1 HD Audio Jacks
2 PCIe 4.0 x16 slots
2 PCIe 3.0 x1 slot

System Cooling	Fans: Up to 3x 12cm heavy duty fans with optimal fan speed control
Power Supply	1x 750W Gold Level power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	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 protection, RoHS, Voltage and Frequency Overclocking, WOL 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
Dimensions and Weight	Weight: Gross Weight: 26 lbs (11.8 kg) Net Weight: 20 lbs (9 kg) Available Color: Black / Gray
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 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)
Motherboard	**Super C9Z590-CG**
Chassis	**CSE-GS5A-754K**