

# SUPER

Gaming &  
Desktop Solutions

with 9th Gen Intel® Core™ Processors

play harder



Oct 2018

Server Quality, Built For Gaming  
Learn more at [www.Supero.com](http://www.Supero.com)





#### Server Grade Validation

Server Laboratory Certification confirms the ability of SUPER<sup>TM</sup> to deliver longstanding durability and stability for your Gaming PC. This validation incorporates:

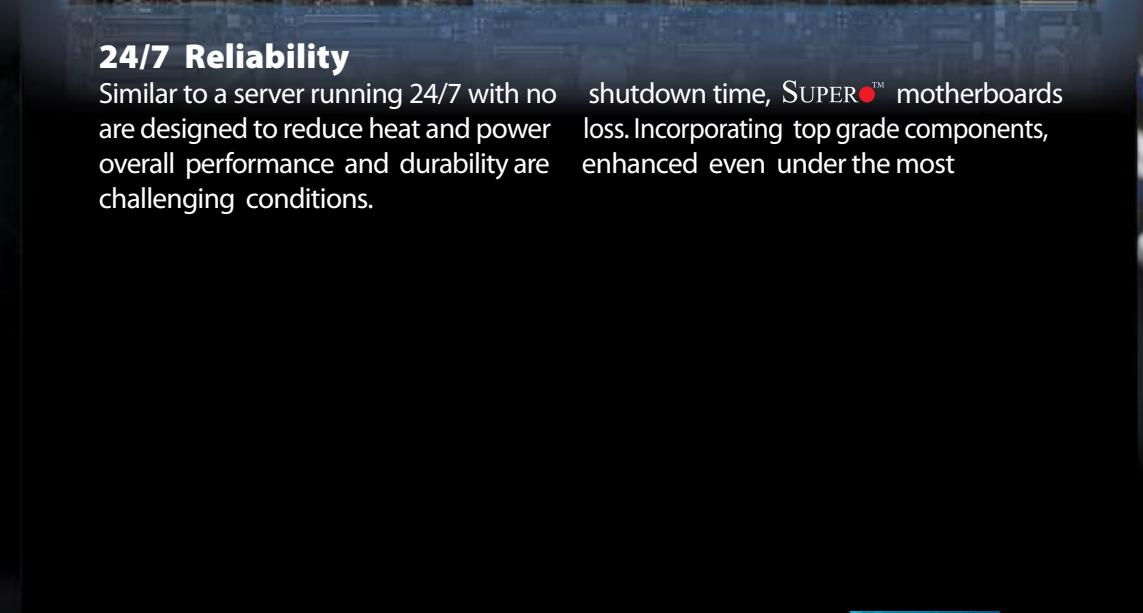
- Up to 16,000 Validating hours
- Over 1,300 Validation items
- Over 300 WW Lab. engineers

Server Quality,

**SUPER<sup>TM</sup> Gaming & Desktop Solutions**  
with 9th Gen Intel<sup>®</sup> Core<sup>™</sup> Processors

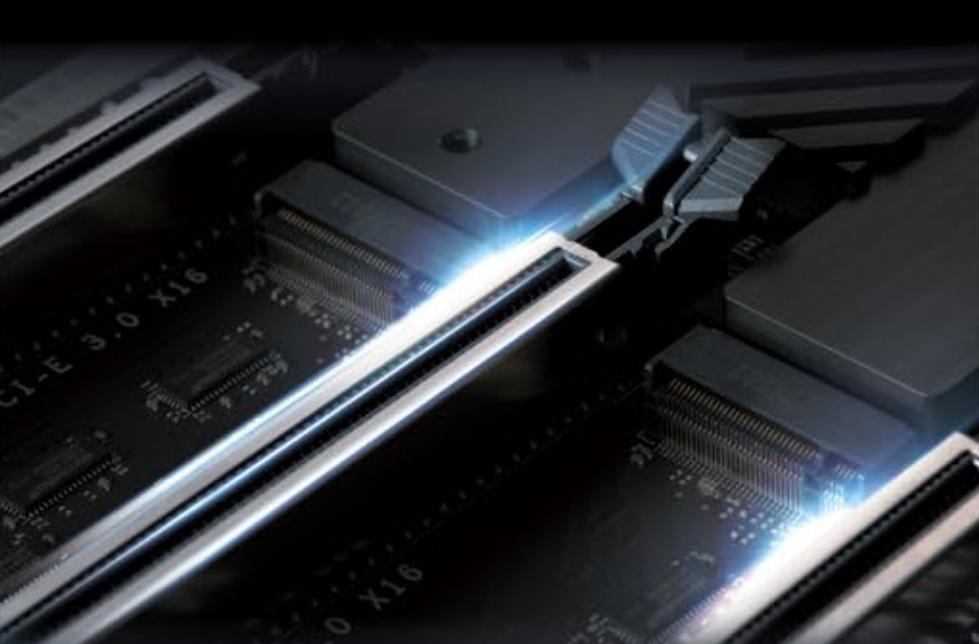
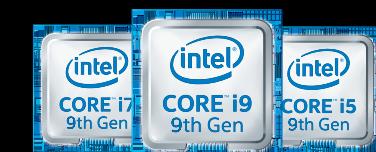
**24/7 Reliability**

Similar to a server running 24/7 with no shutdown time, SUPER<sup>TM</sup> motherboards are designed to reduce heat and power loss. Incorporating top grade components, overall performance and durability are enhanced even under the most challenging conditions.



#### Power Efficiency

The combination of Digital PWM's, DrMOS and Ferrite Chokes provides higher power efficiency while still maintaining a cooler temperature, for stability in gaming and overclocking.



#### SUPER<sup>TM</sup> Armor

Enterprise grade protection on your vital components with increased retention securing your precious investment from warping.

Built for Gaming



#### Industry Standard Networking

SUPER<sup>TM</sup> motherboards are all equipped with the latest gigabit LAN connections and going as far as including gigabit wireless and 10G options giving you the best performance.

# C9X299-PG300F

Extreme Gaming,  
Extreme Server Management



Management  
**IPMI**  
Server Grade

10Gbit/s LAN

VR  
READY

PCI-E 3.0 & SATA  
Dual RAID

M.2 Storage  
U.2 Storage

4xPCI-E 3.0x16  
SLOTS

8G  
Power Phased

300 Watt

USB 3.1(10Gb/s)  
UltraSpeed

R  
G  
B  
Luminous  
Spectrum lighting

# C9X299-PG300

Ultimate Gaming



300 Watt

10Gbit/s LAN

VR  
READY

PCI-E 3.0 & SATA  
Dual RAID

M.2 Storage  
U.2 Storage

4xPCI-E 3.0x16  
SLOTS

8G  
Power Phased

USB 3.1(10Gb/s)  
UltraSpeed

R  
G  
B  
Luminous  
Spectrum lighting

While having the very best gaming motherboard is already plenty for most, we have gone the extra mile with our latest C9X299-PG300F. Not only utilizing the very best of the latest Intel<sup>®</sup> Core<sup>™</sup> i7/i9 X-series processors, and Intel<sup>®</sup> Core<sup>™</sup> i9 Extreme Edition processor, 10G LAN, and multiple storage and expansion options, we even added our very own Supermicro IPMI 2.0 empowering you to game at your very best also having the full power of a server all in one motherboard. Manage and game like a pro!

#### Specs:

- ATX form factor
- Intel<sup>®</sup> X299 Chipset
- Intel<sup>®</sup> Core<sup>™</sup> i7/i9 X-series processor - LGA2066 (Socket R4) up to 300W
- 8 DDR4-4133+ MHz(OC) non-ECC UDIMM up to 128GB
- 4 PCI-E 3.0 x16 slots
- 2 M.2 (PCI-E 3.0 x4, 2280) (M-Key for SSD, Intel<sup>®</sup> Optane Ready, RAID 0, 1)
- 2 U.2 (PCI-E 3.0 x4)(RAID 0, 1)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 10G AQC107 + Gigabit Intel<sup>®</sup> i219V LAN
- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 4 USB 3.1 Gen 1 (2 rear + 2 via header)
- 4 USB 2.0 (2 rear + 2 via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Supermicro IPMI 2.0 with dedicated VGA
- Customizable RGB LEDs + 2 RGB headers
- 4th Generation SUPER<sup>TM</sup> BIOS
- 2nd Generation SUPER<sup>TM</sup> Booster

Our SUPER<sup>TM</sup> C9X299-PG300 has multiple PCI-E x16 slots and can support up to 3 GPUs! Our motherboard supports the latest Intel<sup>®</sup> Core<sup>™</sup> i9 Extreme Edition processor up to 300W with up to 128GB of 4133MHz memory. We also include 10G LAN and NVMe storage options through M.2 or U.2. An incredible arsenal at your disposal to use against your next opponent.

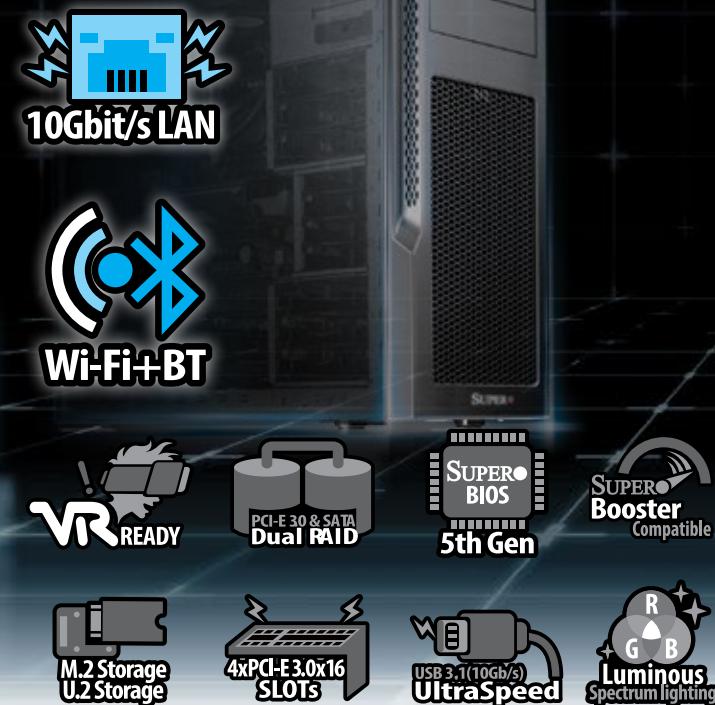
#### Specs:

- ATX form factor
- Intel<sup>®</sup> X299 Chipset
- Intel<sup>®</sup> Core<sup>™</sup> i7/i9 X-series processor - LGA2066 (Socket R4) up to 300W
- 8 DDR4-4133+ MHz(OC) non-ECC UDIMM up to 128GB
- 4 PCI-E 3.0 x16 slots
- 2 M.2 (PCI-E 3.0 x4, 2280 + 2280/22110) (M-Key for SSD, Intel<sup>®</sup> Optane Ready, RAID 0, 1)
- 2 U.2 (PCI-E 3.0 x4)(RAID 0, 1)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 10G AQC107 + Gigabit Intel<sup>®</sup> i219V LAN
- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 6 USB 3.1 Gen 1 (4 rear + 2 via header)
- 4 USB 2.0 (2 rear + 2 via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Customizable RGB LEDs + 2 RGB headers
- 4th Generation SUPER<sup>TM</sup> BIOS
- 2nd Generation SUPER<sup>TM</sup> Booster



# C9Z390-PGW

*Unmatched Performance*



# C9Z390-CGW

*Gaming to the next level*



The **SUPER**™ Pro Gaming series blows gamer's expectations out of the water with top tier performance and a range of features that aren't just there for show, but to get you to a higher standard than ever before. Fully loaded with our latest SuperO Booster overclocking software, multiple high speed storage options including M.2 and U.2, and the fastest wired and wireless networking technologies, the C9Z390-PGW takes the cake. If you are looking for the best gaming motherboards around, you've come to the right place!

*Specs:*

- ATX form factor
- Intel® Z390 Chipset
- 8th/9th Gen Intel® Core™, Pentium®, and Celeron® series processor – LGA1151 (Socket H4) up to 140W TDP
- 4 DDR4-4133+ MHz(OC) non-ECC UDIMM up to 64GB
- 4 PCI-E 3.0 x16 + 1 PCI-E 3.0 x1 slots
- 2 M.2 (PCI-E 3.0 x4, 2260/2280 + 2260/2280/22110) (M-Key for SSD, Intel® Optane Ready, RAID 0, 1, 1 M.2 (E-Key for Wi-Fi module)
- 2 U.2 (PCI-E 3.0 x4)(RAID 0, 1)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 2 DisplayPort 1.2 + 1 HDMI 2.0
- 10G AQC107 + Gigabit Intel® i219V LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 5.0
- 5 USB 3.1 Gen 2 (1 Type C + 3 Type A + 1 Type C header)
- 4 USB 3.1 Gen 1 (2 rear + 2 via header)
- 2 USB 2.0 (via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Customizable RGB LEDs + 2 RGB headers
- 5th Generation **SUPER**™ BIOS
- 2nd Generation **SUPER**™ Booster

Geared for the every users who needs the basics and the flexibility of have all the latest technologies within a single motherboard, the SuperO C9Z390-CGW carries its own weight while having plenty of room for the hardcore gamers. 10G connection while also having gigabit wired and wireless networking, mesmerizing multi-channel audio, and RAID ready storage options, you will be ready, set, and going to performance lengths you've only ever imagined.

*Specs:*

- ATX form factor
- Intel® Z390 Chipset
- 8th/9th Gen Intel® Core™, Pentium®, and Celeron® series processor – LGA1151 (Socket H4) up to 120W TDP
- 4 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 64GB
- 2 PCI-E 3.0 x16 + 1 PCI-E 3.0 x4 + 3 PCI-E 3.0 x1 slots
- 2 M.2 (PCI-E 3.0 x4, 2242/2280/22110 + 2260/2280/22110) (M-Key for SSD, Intel® Optane Ready, RAID 0, 1, 1 M.2 (E-Key for Wi-Fi module)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 2 DisplayPort 1.2 + 1 HDMI 1.4
- 10G AQC107 + Gigabit Intel® i219V LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 5.0
- 5 USB 3.1 Gen 2 (1 Type C + 3 Type A + 1 Type C header)
- 4 USB 3.1 Gen 1 (2 rear + 2 via header)
- 2 USB 2.0 (via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Customizable RGB LEDs + 2 RGB headers
- 5th Generation **SUPER**™ BIOS
- 2nd Generation **SUPER**™ Booster



# C9Z390-CG-IW

## Pint-sized Powerhouse



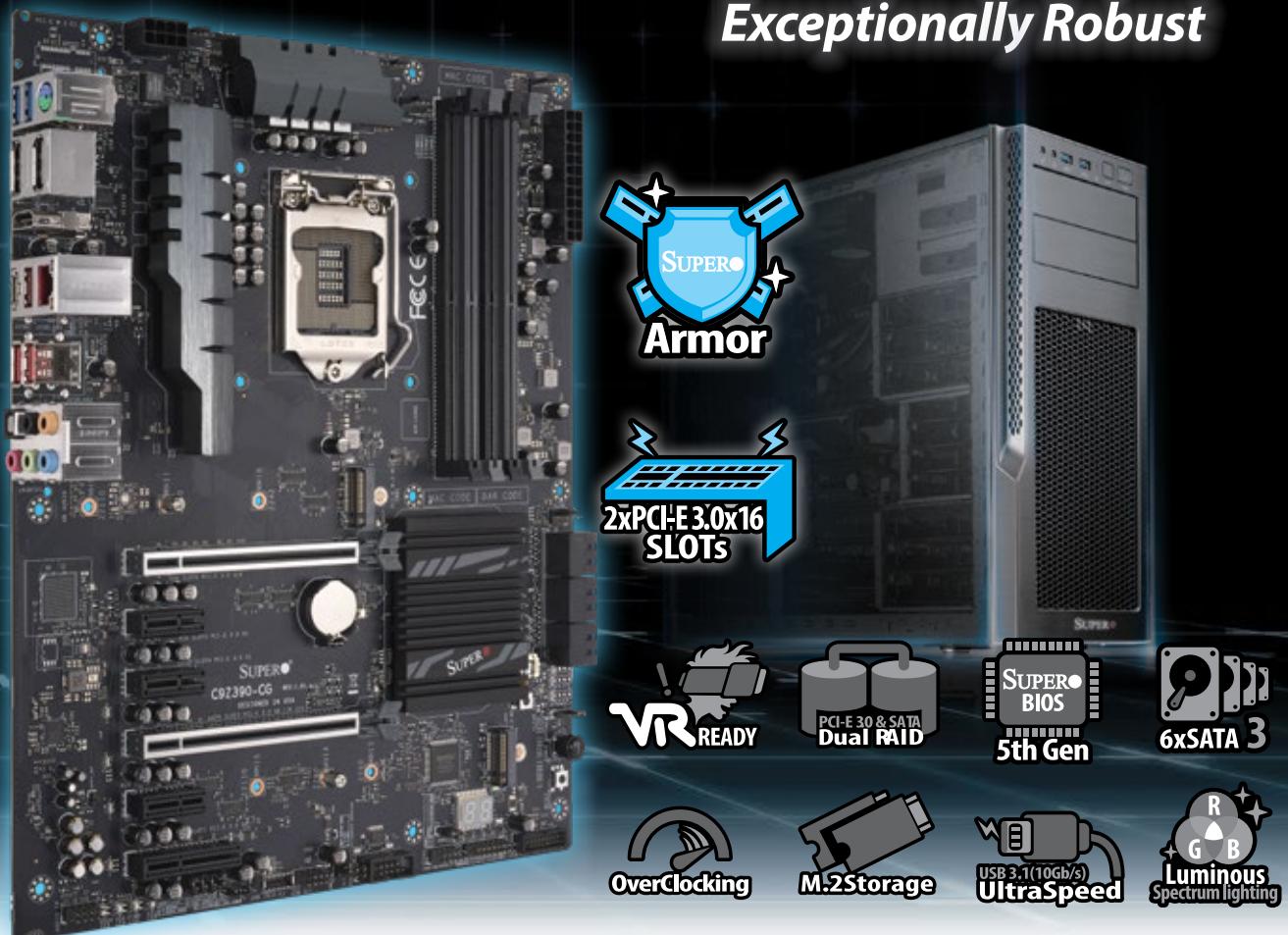
We understand that hardcore gamers always want the best components around, but not necessarily the biggest making it tough to lug around. Compact, powerful, customizable, the SUPER<sup>TM</sup> C9Z390-CG-IW exceeds expectations and more with gigabit wired and wireless technologies, immersive surround audio, illuminating RGB LEDs, and server quality components keeping you in the battle longer and always ready for the next.

### Specs:

- Mini-ITX form factor
- Intel<sup>®</sup> Z390 Chipset
- 8th/9th Gen Intel<sup>®</sup> Core<sup>™</sup>, Pentium<sup>®</sup>, and Celeron<sup>®</sup> series processor – LGA1151 (Socket H4) up to 120W TDP
- 2 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 32GB
- 1 PCI-E 3.0 x16 slot
- 2 M.2 (PCI-E 3.0 x4, 2280) (M-Key for SSD, Intel<sup>®</sup> Optane Ready, RAID 0, 1, 1 M.2 (E-Key for Wi-Fi module)
- 4 SATA 3.0 (RAID 0, 1, 5, 10)
- 1 DisplayPort 1.2 + 1 HDMI 2.0
- Gigabit Intel<sup>®</sup> i219V LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 5.0
- 5 USB 3.1 Gen 2 (1 Type C + 3 Type A + 1 Type C header)
- 4 USB 3.1 Gen 1 (2 rear + 2 via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Customizable RGB LEDs + 1 RGB header
- 5th Generation SUPER<sup>TM</sup> BIOS
- 2nd Generation SUPER<sup>TM</sup> Booster

# C9Z390-CG

## Exceptionally Robust



SUPER<sup>TM</sup> Core Gaming Z390 series embodies the essentials needed for any level of gamer, power user, or those seeking a solid, well-rounded motherboard. Brimming with features such as overclocking tools – SUPER<sup>TM</sup> Booster, enterprise level components, SUPER<sup>TM</sup> armor, and full-bodied 7.1 channel audio the C9Z390-CG not only has the durability of a high-end motherboard, but performs just the same.

### Specs:

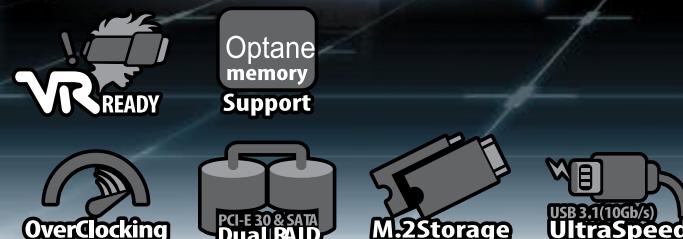
- ATX form factor
- Intel<sup>®</sup> Z390 Chipset
- 8th/9th Gen Intel<sup>®</sup> Core<sup>™</sup>, Pentium<sup>®</sup>, and Celeron<sup>®</sup> series processor – LGA1151 (Socket H4) up to 120W TDP
- 4 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 64GB
- 2 PCI-E 3.0 x16 + 1 PCI-E 3.0 x4 + 3 PCI-E 3.0 x1 slots
- 2 M.2 (PCI-E 3.0 x4, 2242/2280/22110 + 2260/2280/22110) (M-Key for SSD, Intel<sup>®</sup> Optane Ready, RAID 0, 1)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 2 DisplayPort 1.2 + 1 HDMI 1.4
- Gigabit Intel<sup>®</sup> i219V LAN



CTZ370-CG-L

CTZ370-CG-IW

*Tried & tested for maximum reliability!*



Running the latest Intel® Z370 chipset we have put together a product that brings you the best of both worlds of reliability and performance. The C7Z370-CG-L allows you to have a solid, well-rounded, yet versatile motherboard which lets you focus on what is essential for your needs and still perform the way you want.

*Specs:*

- ATX form factor
- Intel® Z370 Chipset
- 8th Gen Intel® Core™, Pentium®, and Celeron® series processor – LGA1151 (Socket H4) up to 120W TDP
- 4 DDR4-3000+ MHz(OC) non-ECC UDIMM up to 64GB
- 2 PCI-E 3.0 x16 + 1 PCI-E 3.0 x4 + 3 PCI-E 3.0 x1 slots
- 2 M.2 (PCI-E 3.0 x4, 2260/2280/22110) (M-Key for SSD, Intel® Optane™ memory Ready, RAID 0, 1)
- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 1 DisplayPort 1.2 + 1 HDMI 1.4 + 1 DVI-D
- Gigabit Intel® i219V LAN
- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 6 USB 3.1 Gen 1 (4 rear + 2 via header)
- 6 USB 2.0 (2 rear + 4 via headers)
- Realtek ALC1220 7.1 HD Audio
- 4th Generation SUPER<sup>TM</sup> BIOS
- 2nd Generation SUPER<sup>TM</sup> Booster

SUPER<sup>TM</sup> has made its very first mini-ITX form factor motherboard loaded with features that all gamers and enthusiasts would enjoy in a small, portable package. This beast of a motherboard lets you build the most extreme gaming system anywhere with its vast connectivity options and has the power to take on any computing task with Intel® Core™ Processors! Don't forget the customizable RGB LED options you have for this board so you can light up your system to get that flare from the inside out.

*Specs:*

- Mini-ITX form factor
- Intel® Z370 Chipset
- 8th Gen Intel® Core™, Pentium®, and Celeron® series processor – LGA1151 (Socket H4) up to 120W TDP
- 2 DDR4-3733+ MHz(OC) non-ECC UDIMM up to 32GB
- 1 PCI-E 3.0 x16 slot
- 2 M.2 (PCI-E 3.0 x4, 2280) (M-Key for SSD, Intel® Optane™ memory Ready, RAID 0, 1)
- 1 M.2 (E-Key for Wi-Fi module)
- 4 SATA 3.0 (RAID 0, 1, 5, 10)
- 1 DisplayPort 1.2 + 1 HDMI 2.0
- Gigabit Intel® i219V LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 4.2
- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 6 USB 3.1 Gen 1 (4 rear + 2 via header)
- 2 USB 2.0 (via header)
- Realtek ALC1220 7.1 Channel HD Audio
- Customizable RGB LEDs + 1 RGB header
- 4th Generation SUPER<sup>TM</sup> BIOS
- 2nd Generation SUPER<sup>TM</sup> Booster



# C7B360-CB-M\W

*Value Driven/Solid Performer*



Wi-Fi + BT



Luminous Spectrum lighting



UltraSpeed



4th Gen



Optane memory Support



Display Port & HDMI



If price-to-performance is the most critical factor you consider then the SUPER<sup>TM</sup> C7B360-CB-M(W) is the best choice! Packed with the latest features and performance design such as supporting the 8th Gen Intel<sup>®</sup> Core<sup>™</sup> processors, up to 64GB of DDR4 memory, gigabit wired AND wireless technologies (MW Model), you'll be prepared to take on any workload in the office or at home!

*Specs:*

- Micro ATX form factor
- Intel<sup>®</sup> B360 Chipset
- 8th Gen Intel<sup>®</sup> Core<sup>™</sup>, Pentium<sup>®</sup>, and Celeron<sup>®</sup> series processor – LGA1151 (Socket H4) up to 95W TDP
- 4 DDR4-2666 MHz non-ECC UDIMM up to 64GB
- 1 PCI-E 3.0 x16 + 3 PCI-E 3.0 x1 slots
- 1 M.2 (PCI-E 3.0 x4, 2242/2260/2280)  
(M-Key for SSD, Intel<sup>®</sup> Optane<sup>™</sup> memory Ready )
- 1 M.2 (E-Key for Wi-Fi module – C7B360-CB-MW only)
- 6 SATA 3.0
- 1 DisplayPort 1.2 + 1 HDMI 1.4
- Gigabit Intel<sup>®</sup> i219V LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 5.0 (C7B360-CB-MW only)
- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 4 USB 3.1 Gen 1 (1 Type A + 1 Type C header + 2 via header)
- 5 USB 2.0 (3 rear + 2 via header)
- Realtek ALC885 7.1 Channel HD Audio
- Customizable RGB LEDs + 1 RGB header
- 4th Generation SUPER<sup>TM</sup> BIOS

# SYS-5039AD-I

We've merged our highest spec, server DNA-infused X299 motherboard and an ultra-cool 750W 80PLUS Gold Certified power supply together with a resilient S5 Titanium Black chassis to produce the ultimate gaming barebone, built to withstand extreme circumstances and loads.



*Features:*

- Fully customizable with Intel<sup>®</sup> Core<sup>™</sup> X-series processors
- Supports up to 3 double-width video cards
- Versatile storage with M.2, U.2 NVMe, and SATA support
- 5 Gigabit Ethernet ports powered by Aquantia<sup>®</sup> AQC108
- Optional: closed-loop water cooling kit, SNK-P3002A

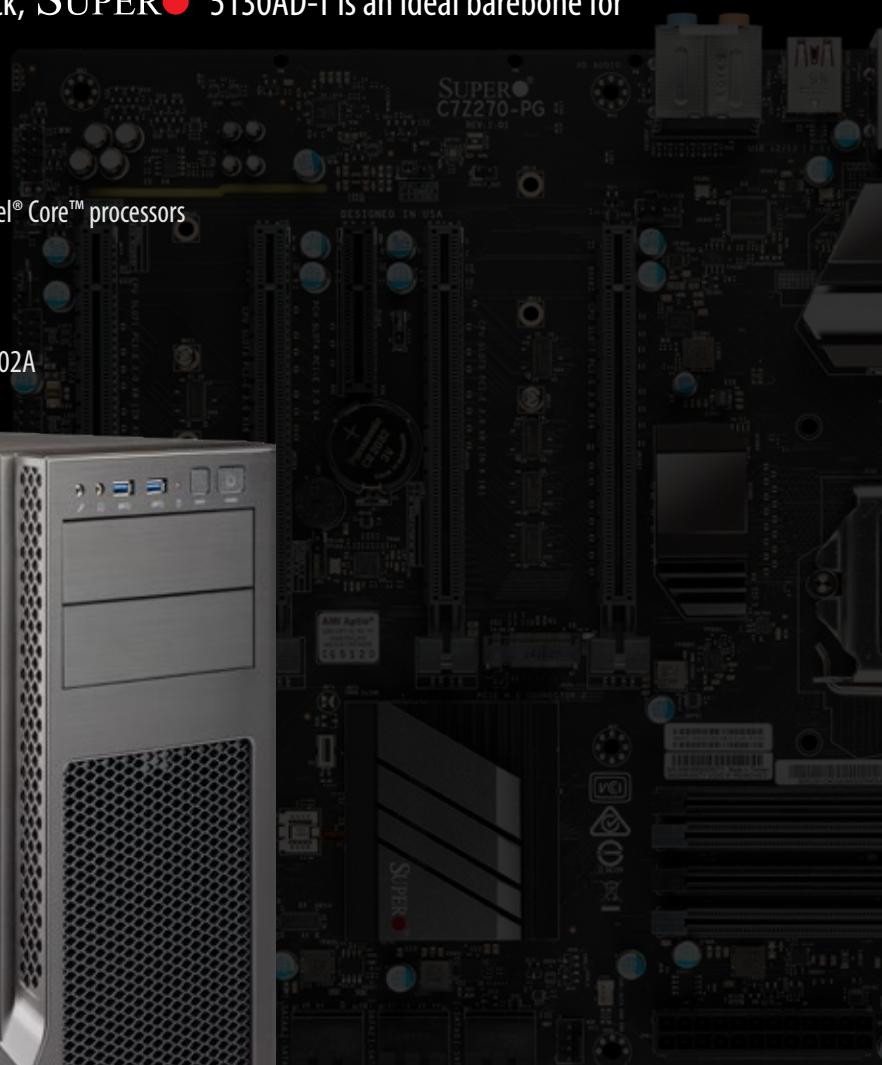


## SYS-5130AD-T

Featuring SUPER○ flagship Z270 Pro Gaming motherboard, C7Z270-PG, 750W 80Plus Gold power supply, and the S5 Titanium Black, SUPER○™ 5130AD-T is an ideal barebone for gaming or workstation use.

Features:

- Fully customizable with 6th and 7th Generation Intel® Core™ processors
- Supports up to 3 double-width video cards
- M.2 and Ready for Intel® Optane™ memory
- Optional: closed-loop water cooling kit, SNK-P3002A



## SYS-5130DQ-IL

Increase desktop uptime and lower maintenance costs with Intel® vPro™ and Intel® Active Management technology features. Remotely maintain SYS-5130DQ-IL desktop PCs from anywhere at any time, even switched off with non-functional operating systems. Your IT can remotely retrieve assets, contain security threats and resolve system issues with ease.



Features:

- Fully customizable with 6th and 7th Generation Intel® Core™ processors
- Remote manageability with Intel® vPro™ and Active Management Technology
- Enhanced hardware security with TPM, Kensington lock, and chassis intrusion sensor support
- Designed for SI with zero branding on the chassis and carton box.



# S5 GAMING MID-TOWER CHASSIS

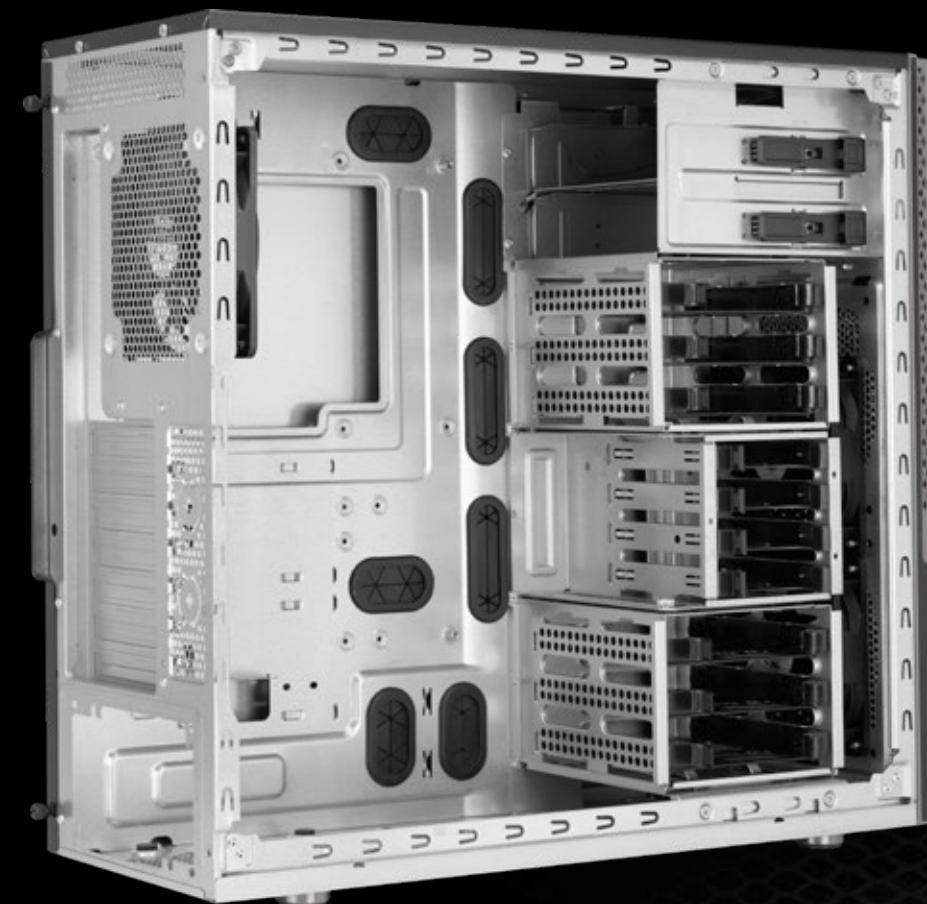


The S5 is a precisely crafted chassis marrying classic simplicity and modern functionality, ideal for high performance gaming systems and workstations.



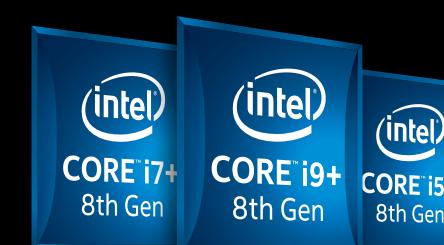
"For those of you that do opt for this chassis when using Supermicro to build your next gaming rig, it has everything needed to get your options list sorted, and still offers you modularity to expand on storage or cooling options later in the PC's lifespan."

—Tweaktown.com

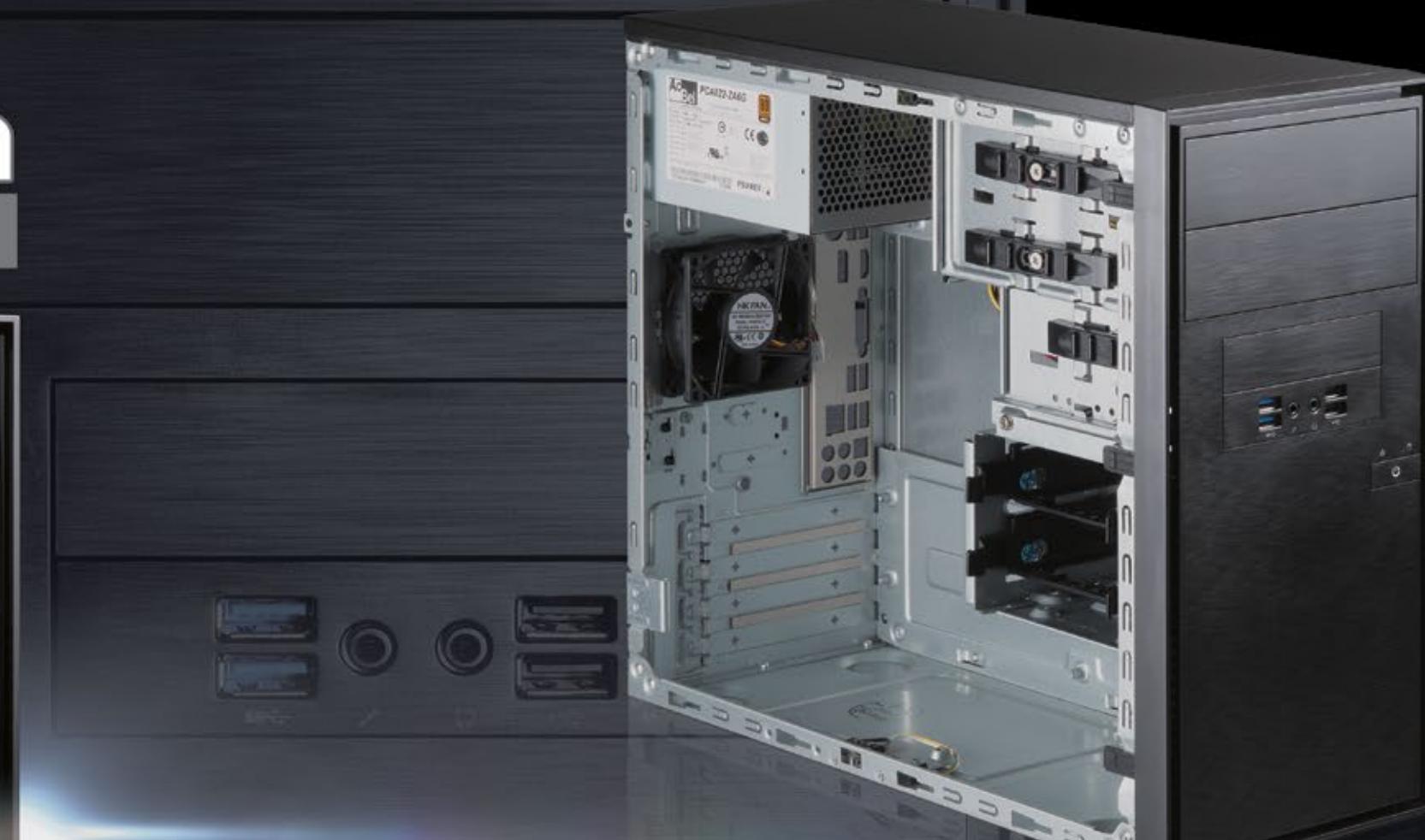


## S5 GAMING MID-TOWER CHASSIS

The S5 SI Edition Titanium chassis from SUPER™ blends the ruggedness of black powder-coated steel and sleekness of brushed aluminum to give your system a sophisticated look with a striking titanium black trim. The S5 sports features for gamers and power users alike with nine fan mounting locations for high airflow, liquid cooling support for up to a 280mm radiator, a dedicated slide out 2.5" SSD cage, easy to remove magnetic dust filters, excellent cable routing, and tool-less drive installation. Equipped with a 750W power supply, the SUPER™ S5 SI Edition Titanium is the ideal chassis for high performance gaming builds.

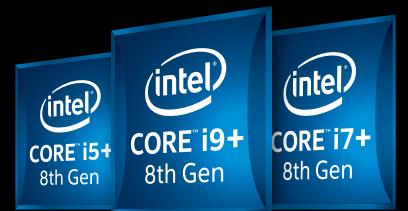


## DS3A MINI-TOWER



## DS3A MINI-TOWER

Brushed aluminum-like black exterior, feature-rich design and a cost-effective price tag make the SUPER<sup>TM</sup> DS3 mini-tower desktop chassis the epitome of understated elegance and power. Designed for government, education and business environments, DS3 features tool-less PCI-E card and hard drive installations, a back handle for easy transportation, and Kensington lock support and chassis intrusion sensors for your complete peace of mind.



Tool-less



SUPERO

Security



Rich Front I/O



Cool & Quiet



Zero Branding



80  
PLUS  
BRONZE



**NEW**

C9X299-PCB300F

#### CPU

- Intel® Core™ i7/i9 X-series processors
- LGA2066 (Socket R4) up to 300W

#### Chipset

- Intel® X299

#### Form Factor

- ATX 12" x 9.6"

#### Memory

- 8 DDR4-4133+ MHz(OC) non-ECC UDIMM up to 128GB

#### Expansion Slots

- 4 PCI-E 3.0 x16

#### Storage

- 6 SATA 3.0 (RAID 0, 1, 5, 10)

- 2 U.2 (PCI-E 3.0 x4) (RAID 0, 1)

- 2 M.2 (PCI-E 3.0 x4, 2280)

- (M-Key for SSD, Intel® Optane™ memory Ready, RAID 0, 1)

#### Onboard LAN

- 1 Intel® i219V Gigabit LAN

#### USB

- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)

- 4 USB 3.1 Gen 1 (2 rear + 2 via header)

- 4 USB 2.0 (2 rear + 2 via header)

#### Other Onboard I/O

- 1 PS/2 + 4 4-pin fan headers

- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector

- Realtek ALC1220 7.1 Channel HD Audio

- Supermicro IPMI 2.0 with dedicated VGA

- Customizable RGB LEDs + 2 RGB headers

#### BIOS

- 4th Generation SuperO BIOS

- 2nd Generation SuperO Booster



**NEW**

C9X299-PCB300

#### CPU

- Intel® Core™ i7/i9 X-series processors
- LGA2066 (Socket R4) up to 300W

#### Chipset

- Intel® X299

#### Form Factor

- ATX 12" x 9.6"

#### Memory

- 8 DDR4-4133+ MHz(OC) non-ECC UDIMM up to 128GB

#### Expansion Slots

- 4 PCI-E 3.0 x16

#### Storage

- 6 SATA 3.0 (RAID 0, 1, 5, 10)

- 2 U.2 (PCI-E 3.0 x4) (RAID 0, 1)

- 2 M.2 (PCI-E 3.0 x4, 2280 + 2280/22100)

- (M-Key for SSD, Intel® Optane™ memory Ready, RAID 0, 1)

#### Onboard LAN

- 1 Intel® i219V Gigabit LAN

#### USB

- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)

- 6 USB 3.1 Gen 1 (2 rear + 2 via header)

- 4 USB 2.0 (2 rear + 2 via header)

#### Other Onboard I/O

- 1 PS/2 + 4 4-pin fan headers

- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector

- Realtek ALC1220 7.1 Channel HD Audio

- Customizable RGB LEDs + 2 RGB headers

#### BIOS

- 4th Generation SuperO BIOS

- 2nd Generation SuperO Booster



**NEW**

C9Z390-PCB30W

#### CPU

- 8th/9th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 140W TDP

#### Chipset

- Intel® Z390

#### Form Factor

- ATX 12" x 9.6"

#### Memory

- 4 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 64GB

#### Expansion Slots

- 4 PCI-E 3.0 x16 + 1 PCI-E 3.0 x1

#### Storage

- 6 SATA 3.0 (RAID 0, 1, 5, 10)

- 2 U.2 (PCI-E 3.0 x4) (RAID 0, 1)

- 2 M.2 (PCI-E 3.0 x4, 2260/2280 + 2260/2280/22110)

- (M-Key for SSD, Intel® Optane™ memory Ready, RAID 0, 1)

#### Onboard LAN

- 1 Intel® i219V Gigabit LAN

#### USB

- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)

- 6 USB 3.1 Gen 1 (2 rear + 2 via header)

- 4 USB 2.0 (2 rear + 2 via header)

#### Other Onboard I/O

- 1 PS/2 + 4 4-pin fan headers

- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector

- Realtek ALC1220 7.1 Channel HD Audio

- Customizable RGB LEDs + 2 RGB headers

#### BIOS

- 4th Generation SuperO BIOS

- 2nd Generation SuperO Booster



**NEW**

C9Z390-CL-IW

#### CPU

- 8th/9th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 140W TDP

#### Chipset

- Intel® Z390

#### Form Factor

- Mini-ITX 6.7" x 6.7"

#### Memory

- 2 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 32GB

#### Expansion Slots

- 1 PCI-E 3.0 x16

#### Storage

- 4 SATA 3.0 (RAID 0, 1, 5, 10)

- 2 M.2 (PCI-E 3.0 x4, 2280)

- (M-Key for SSD, Intel® Optane Ready, RAID 0, 1)

- 1 M.2 (E-Key for Wi-Fi module)

#### Onboard Video Outputs

- 1 DisplayPort 1.2 + 1 HDMI 1.4

#### Onboard LAN

- 1 Intel® i219V Gigabit LAN

#### USB

- 5 USB 3.1 Gen 2 (1 Type C + 3 Type A + 1 Type C header)

- 4 USB 3.1 Gen 1 (2 rear + 2 via header)

#### Other Onboard I/O

- 1 PS/2 + 2 4-pin fan headers

- 1 TPM 2.0 header + 1 DOM PW connector

- Realtek ALC1220 7.1 Channel HD Audio

- Customizable RGB LEDs + 1 RGB header

#### BIOS

- 5th Generation SuperO BIOS

- 2nd Generation SuperO Booster



**NEW**

C9Z390-CLW

#### CPU

- 8th/9th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 120W TDP

#### Chipset

- Intel® Z390

#### Form Factor

- ATX 12" x 9.6"

#### Memory

- 4 DDR4-3866+ MHz(OC) non-ECC UDIMM up to 64GB

#### Expansion Slots

- 2 PCI-E 3.0 x16 + 1 PCI-E 3.0 x4 + 3 PCI-E 3.0 x1

#### Storage

- 6 SATA 3.0 (RAID 0, 1, 5, 10)

- 2 M.2 (PCI-E 3.0 x4, 2242/2280/22110 + 2260/2280/22110)

- (M-Key for SSD, Intel® Optane Ready, RAID 0, 1)

- 1 M.2 (E-Key for Wi-Fi module)

#### Onboard Video Outputs</h



C7Z370-CG-L

**CPU**

- 8th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 120W TDP

**Chipset**

- Intel® Z370

**Form Factor**

- ATX 12" x 9.6"

**Memory**

- 4 DDR4-3000+ MHz(OC) non-ECC UDIMM up to 64GB

**Expansion Slots**

- 2 PCI-E 3.0 x16 + 1 PCI-E 3.0 x4 + 3 PCI-E 3.0 x1

**Storage**

- 6 SATA 3.0 (RAID 0, 1, 5, 10)
- 2 M.2 (PCI-E 3.0 x4, 2260/2280/22110)

(M-Key for SSD, Intel® Optane Ready, RAID 0, 1)

**Onboard Video Outputs**

- 1 DisplayPort 1.2 + 1 HDMI 1.4 + 1 DVI-D

**Onboard LAN**

- 1 Intel® i219V Gigabit LAN

**USB**

- 2 USB 3.1 Gen 2 (1 Type C + 1 Type A)
- 6 USB 3.1 Gen 1 (4 rear + 2 via header)
- 6 USB 2.0 (2 rear + 4 via headers)

**Other Onboard I/O**

- 1 PS/2 + 5 4-pin fan headers
- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector
- Realtek ALC1220 7.1 Channel HD Audio

**BIOS**

- 4th Generation SuperO BIOS
- 2nd Generation SuperO Booster



C7Z370-CG-IW

**CPU**

- 8th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 120W TDP

**Chipset**

- Intel® Z370

**Form Factor**

- Mini-ITX 6.7" x 6.7"

**Memory**

- 4 DDR4-3000+ MHz(OC) non-ECC UDIMM up to 32GB

**Expansion Slots**

- 1 PCI-E 3.0 x16

**Storage**

- 4 SATA 3.0 (RAID 0, 1, 5, 10)
- 2 M.2 (PCI-E 3.0 x4, 2280)

(M-Key for SSD, Intel® Optane Ready, RAID 0, 1)

**Onboard Video Outputs**

- 1 M.2 (E-Key for Wi-Fi module)

**Onboard LAN**

- 1 DisplayPort 1.2 + 1 HDMI 2.0

**USB**

- 1 Intel® i219V Gigabit LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 4.2

**Other Onboard I/O**

- 1 PS/2 + 4-pin fan headers
- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector
- Realtek ALC1220 7.1 Channel HD Audio

**BIOS**

- 4th Generation SuperO BIOS
- 2nd Generation SuperO Booster



C7B360-CB-MMW

**CPU**

- 8th Gen Intel® Core™, Pentium®, and Celeron® series processors
- LGA1151 (Socket H4) up to 95W TDP

**Chipset**

- Intel® B360

**Form Factor**

- Micro ATX 9.6" x 9.6"

**Memory**

- 4 DDR4-2666 MHz non-ECC UDIMM up to 64GB

**Expansion Slots**

- 1 PCI-E 3.0 x16 + 3 PCI-E 3.0 x1

**Storage**

- 6x SATA 3.0
- 1 M.2 (PCI-E 3.0 x4, 2242/2260/2280)

(M-Key for SSD, Intel® Optane Ready)

**Onboard Video Outputs**

- 1 M.2 (E-Key for Wi-Fi module – C7B360-CB-MW only)

**Onboard LAN**

- 1 DisplayPort 1.2 + 1 HDMI 1.4

**USB**

- 1 Intel® i219V Gigabit LAN
- Wi-Fi 802.11ac dual-band 2.4/5Ghz + Bluetooth 5.0 (C7B360-CB-MW only)

**Other Onboard I/O**

- 2 USB 3.1 Gen 2 (1 type C + 1 type A)
- 4 USB 3.1 Gen 1 (1 Type A + 1 Type C header + 2 via header)
- 5 USB 2.0 (3 rear + 2 via header)

**Other Onboard I/O**

- 1 PS/2 + 3 4-pin fan headers
- 1 COM header + 1 TPM 2.0 header + 1 DOM PW connector
- Realtek ALC885 7.1 Channel HD Audio
- Customizable RGB LEDs + 1 RGB header

**BIOS**

- 4th Generation SuperO BIOS
- 2nd Generation SuperO Booster



S5 Chassis

**Color:** Black with titanium black trim

**Material:** Brushed Aluminum and ABS Plastic front bezel; SGCC Steel Body

**Form Factor:** Mid-Tower

**Motherboard Support:** Micro-ATX, ATX

**CPU Support:** 7th, 8th, 9th Gen Intel® Core™, i5/i7 X-series, Pentium®, and Celeron® series processors

**Expansion Slots:** 7

**Drive Bays:** (x2) 5.25" External (x4) 2.5" Internal (x6) Combo 3.5"/2.5" Internal

**Cooling Fans Included:** Front: (x2) 120mm PWM Fan Rear: (x1) 120mm PWM Fan

**Fan Mount Locations:** Front: (x2) 120mm/140mm Top: (x3) 120mm/140mm Rear: (x1) 120mm Bottom: (x1) 120mm Side: (x2) 120 or (x1) 140mm

**Radiator Mount Locations:** Top: 120/240/280mm Rear: 120mm

**Maximum CPU Cooler Height:** 155mm

**Maximum GPU Length:** 320mm (with 2.5" HDD cage) 420mm (without HDD cage)

**Dimensions:** 200(W) x 460(H) x 493(D) mm/ 7.9"(W) x 18.1"(H) x 19.4"(D)

**Weight:** 9.1kg (net)/11.8kg (Gross)

**Part Numbers:** CSE-G5A-753K (With 750W 80Plus Gold Power Supply)



DS3A

**Color:** Black

**Material:** ABS Plastic; 0.6mm SGCC Steel Body

**Form Factor:** Mini-Tower

**Motherboard Support:** Micro-ATX

**CPU Support:** 7th, 8th, 9th Gen Intel® Core™, i5/i7 X-series, Pentium®, and Celeron® series processor

**Expansion Slots:** 4

**Drive Bays:** (x2) 5.25" External (x2) 3.5" External (x1) 2.5" Internal

**Cooling Fans Included:** Rear: (x1) 80mm PWM Fan

**Dimensions:** 175(W) x 372(H) x 428(D) mm/ 6.89"(W) x 14.65"(H) x 16.85"(D)

**Weight:** 7.2kg (Gross)





# Gaming & Desktop Solutions

with 9th Gen Intel® Core™ Processors



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