# DESKTOP PERFORMANCE REDEFINED
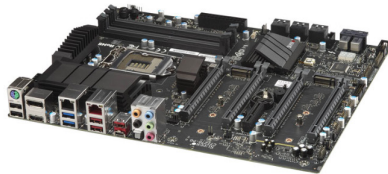
Customized Your Workstation with SUPERO™
Performance and Reliability For The Demanding

# Transform Your Business with New Flexible Workstations

From small business to enterprise, the latest workstations motherboards from Supero delivers the performance, speed, and security all business demands, with the flexibility, convenience, and collaborative freedom employees wants.
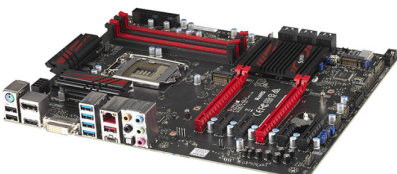
## LIMITLESS EXPERIENCE FOR THE CREATIVE

### SUPERO C7Z270-PG

SUPERO's Professional Series blows creative's expectations out of the water, with high-performance and a range of features that aren't just there for show, but to helps inspires you to a higher standard than ever before. The C7Z270-PG is one of our most feature-rich boards, and provides a premium experience.
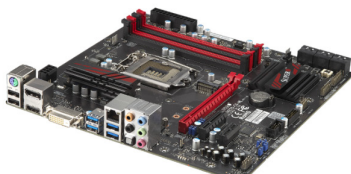
## UNCOMPROMISED PROFESSIONAL FEATURES

### SUPERO C7Z270-CG-L

SUPERO's Core Performance C7Z270-CG-L gives those looking for a High-Performance Workstation board the power to enjoy full-force computing experience without paying extra for unwanted features. Packed with the essentials for high-end features, get exactly what you need with the C7Z270-CG-L to enjoy beyond computing at a fraction of the cost of extreme boards.
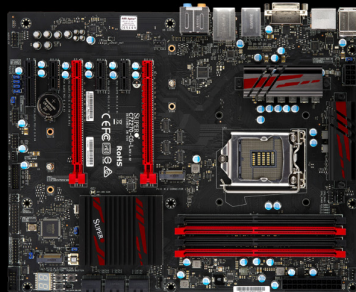
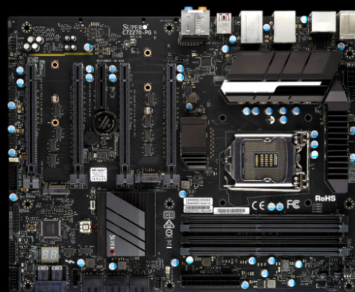## CORE BUSINESS UNHINGED PERFORMANCE

### SUPERO C7B250-CB-ML

When price-to-performance is the first factor you consider, the SUPERO C7B250-CB-ML is the board you should start with. With the latest features and performance design, it is our most value-driven board that still comes packed with all the great features you'd expect from a SUPERO motherboard.

ServerWare®

| Product SKU | SUPERO C7Z270-PG | SUPERO C7Z270-CG-L | SUPERO C7B250-CB-ML |
|---|---|---|---|
| Dimension | ATX, 12" x 9.6", (30.5 cm x 24.4 cm) | ATX, 12" x 9.6", (30.5 cm x 24.4 cm) | microATX, 9.6" x 9.6", (24.4 cm x 24.4 cm) |
| Socket and CPU Support | 15µ Gold Plated Single CPU socket H4 (LGA 1151) supports Intel® 7th/6th Gen. Core™ i7/i5/i3 series, Intel® Celeron® and Intel® Pentium® Processor | 15µ Gold Plated Single CPU socket H4 (LGA 1151) supports Intel® 7th/6th Gen. Core™ i7/i5/i3 series, Intel® Celeron® and Intel® Pentium® Processor | 15µ Gold Plated Single CPU socket H4 (LGA 1151) supports Intel® 7th/6th Gen. Core™ i7/i5/i3 series, Intel® Celeron® and Intel® Pentium® Processor |
| Memory Capacity | 4x 288-pin DDR4 DIMM slots Supports up to 64GB DDR4 Non-ECC Un-Buffered memory (UDIMM) in 4 DIMM slots | 4x 288-pin DDR4 DIMM slots Supports up to 64GB DDR4 Non-ECC Un-Buffered memory (UDIMM) in 4 DIMM slots | 4x 288-pin DDR4 DIMM slots Supports up to 64GB DDR4 Non-ECC Un-Buffered memory (UDIMM) in 4 DIMM slots |
| Memory Type | Frequency up to 3733MHz(OC) non-ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs Support overclocking up to 3733MHz* | Frequency up to 2800MHz(OC) non-ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs Support overclocking up to 2800MHz* | Frequency up to 2400MHz non-ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs |
| DIMM Sizes | 16GB, 8GB, 4GB, 2GB, 1GB | 16GB, 8GB, 4GB | 16GB, 8GB, 4GB |
| Chipset | Intel® Z270 Express Chipset | Intel® Z270 Express Chipset | Intel® B250 Express Chipset |
| SATA | SATA3 via PCH w/ RAID 0, 1, 5, 10 6 SATA3 (6Gbps) ports | SATA3 via PCH w/ RAID 0, 1, 5, 10 6 SATA3 (6Gbps) ports | SATA3 via PCH 6 SATA3 (6Gbps) ports |
| Network Controllers | Intel® i219V Controller Intel® i210-AT Controller Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 2 RJ45 Gigabit Ethernet LAN ports | 1 RJ45 Gigabit Ethernet LAN port Intel® i219V Controller Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output | Intel® i219V Controller Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output |
| Audio | RealTek ALC1150 High Definition Audio 7.1 HD Jacks Support SPDIF-Out (Rear) | RealTek ALC1150 High Definition Audio 7.1 HD Jacks Support SPDIF-Out (Rear) | RealTek ALC888S High Definition Audio 7.1 HD Jacks Support SPDIF-Out (Rear) |
| USB | 4 USB 3.0 ports (2 rear, 2 via headers) 8 USB 2.0 ports (2 rear, 6 via headers) 4 USB 3.1 ports (3 Type A, 1 Type C) | 6 USB 3.0 ports (4 rear, 2 via headers) 6 USB 2.0 ports (2 rear, 4 via headers) 2 USB 3.1 ports (1 Type A, 1 Type C) | 6 USB 3.0 ports (4 rear, 2 via headers) 4 USB 2.0 ports (2 rear, 2 via headers) |
| Display | 1 DP (Display Port), 1 HDMI Up to DP 1.2, up to HDMI 2.0 (HDCP 2.2 support) HDMI 2.0; Display Port 1.2; DVI-D port; Triple Display Output Support 4K/Ultra HD Display Support | HDMI 2.0; Display Port 1.2; DVI-D port; Triple Display Output Support 4K/Ultra HD Display Support1 DP (Display Port), 1 HDMI, 1 DVI-D Up to DP 1.2, up to HDMI 1.4b | HDMI 1.4; Display Port 1.2; DVI-D port; Triple Display Output Support 4K/Ultra HD Display Support1 DP (Display Port), 1 HDMI, 1 DVI-D Up to DP 1.2, up to HDMI 1.4b |
| Serial Port/Header | 1 COM port (header) | NA | 1 COM port (header) |
| TPM | 1 TPM Header | 1 TPM Header | 1 TPM Header |
| Expansion Slots | 4 PCI-E 3.0 x16 slots (run at 16/NA/16/NA, 8/8/8/8, Auto Switch) 1 PCI-E 3.0 x4 slot 2 PCIe 3.0 x4 M.2 (support 22110, RAID 0, 1) 2 PCIe 3.0 x4 U.2 (1 share with M.2, RAID 0, 1 support) | 2 PCI-E 3.0 x16 slots (16/NA or 8/8) 1 PCI-E 3.0 x4 slot 3 PCI-E 3.0 x1 slots 2 PCIe 3.0 x4 M.2 (support 22110, RAID 0, 1 support) | 1 PCI-E 3.0 x16 slot 1 PCI-E 3.0 x4 slot 1 PCI-E 3.0 x1 slot 1 PCIe 3.0 x4 M.2 (supports 2280) |
| BIOS Type | 128Mb SPI Flash EEPROM with AMI BIOS | 128Mb SPI Flash EEPROM with AMI BIOS | 128Mb SPI Flash EEPROM with AMI BIOS |
| BIOS Features | DMI (SMBIOS) 2.7 ACPI 5.0 USB Keyboard support | DMI (SMBIOS) 2.7 ACPI 5.0 USB Keyboard support | DMI (SMBIOS) 2.7 ACPI 5.0 USB Keyboard support |
| Management Software | SuperDoctor® 5 Watch Dog | SuperDoctor® 5 Watch Dog | SuperDoctor® 5 Watch Dog |
| Power Configurations | ACPI / ACPM Power Management Main Switch Override Mechanism Power-on mode for AC power recovery Internal/External modem ring-on | ACPI / ACPM Power Management Main Switch Override Mechanism Power-on mode for AC power recovery Internal/External modem ring-on | ACPI / ACPM Power Management Main Switch Override Mechanism Power-on mode for AC power recovery Internal/External modem ring-on |
| PC Health Monitoring Voltage | Monitors for CPU Cores, +12V, +3.3V, +5V, VBAT, HT, Memory, Chipset Voltages 5x 4-pin fan headers (up to 5 fans), Fan speed control | Monitors for CPU Cores, +12V, +3.3V, +5V, VBAT, HT, Memory, Chipset Voltages 5x 4-pin fan headers (up to 5 fans), Fan speed control | Monitors for CPU Cores, +12V, +3.3V, +5V, VBAT, HT, Memory, Chipset Voltages 5x 4-pin fan headers (up to 5 fans), Fan speed control |
| Other Features | 8-pin 12v DC power connector, ATX Power connector, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection | 8-pin 12v DC power connector, ATX Power connector, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection | 8-pin 12v DC power connector, ATX Power connector, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection |
| M.2, U.2 and Intel Memory Supp | 2x M.2 PCIe 3.0 x4 (M-key)(2x support 22110)(RAID 0,1 support) Intel® Optane™ Memory Ready! | 2 PCIe 3.0 x4 M.2 (support 22110, RAID 0, 1 support)Intel® Z270 Chipset Intel® Optane™ Memory Ready! | M.2 Socket 3 with M Key (PCI-e 3.0 x4 mode) Supports 2242, 2260, and 2280 form factors Intel® Optane™ Memory Ready! |

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