CORSAIR ONE

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WEB: corsair.com
PHONE: (844) 348-8999
SUPPORT: support.corsair.com

BLOG: corsair.com/blog
FORUM: forum.corsair.com
YOUTUBE: youtube.com/corsairhowto

CORSAIR GUARANTEE
2 YEARS

INSTRUCTION MANUAL

TABLE OF CONTENTS

CORSAIR
ONE

THANK YOU FOR PURCHASING THE CORSAIR ONE!

The CORSAIR ONE takes fast, quiet, small, and beautiful PCs to a previously impossible level. Packed with cutting edge and fully custom CORSAIR technology, the CORSAIR ONE is designed specifically to deliver true 4K and VR gaming to your desktop, living room, and den.

CORSAIR ONE CONTENTS

A   CORSAIR ONE System

B   Power Cable

C   Wireless Antennas

D   Instruction Manual

A

B

C

D

SETTING UP CORSAIR ONE

Front Ports and Power Button

Power Button

2x USB 3.1 Gen 1 Ports

Headset/Mic 3.5mm Port

HDMI 2.0 Port

Rear Ports

2x USB 3.1 Gen 1 Ports

Thunderbolt 3

WiFi 6 & Bluetooth 5.0

Optical S/PDIF-Out

3x DisplayPort

2x USB 2.0 Ports

2.5 Gigabit Ethernet

USB 3.2 Gen 2 10Gbps

Clear CMOS Button

Audio Cluster

On/Off Switch

AC Power
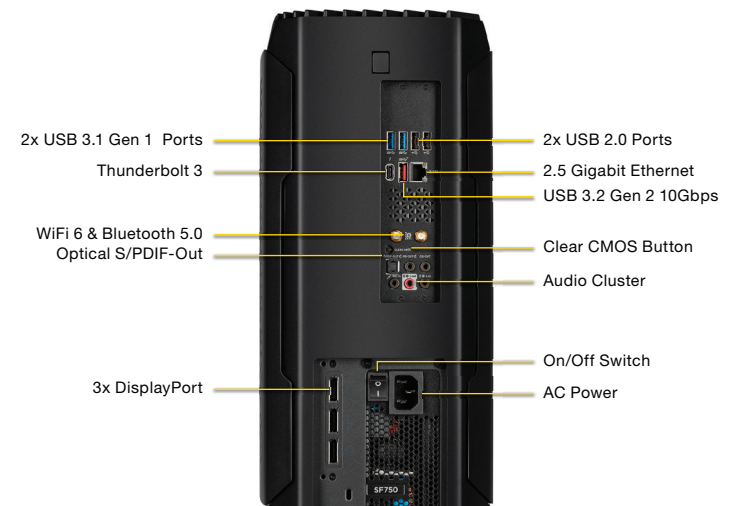
INSTALLING WIRELESS ANTENNAS

Two wireless antennas are included with the CORSAIR ONE. Screw these to the connectors on the back of the unit.

CONNECTING POWER CABLE

Plug the power cable into the receptacle on the back of the CORSAIR ONE and the other end into the wall. Switch power switch to ON position.

CONNECTING KEYBOARD AND MOUSE

Plug the USB cables from your keyboard and mouse into the USB ports on the back of the CORSAIR ONE.

CONNECTING MONITOR(S)

Connect the DisplayPort cable(s) from your monitor(s) to the DisplayPort port on the back of the CORSAIR ONE.

CONNECTING SPEAKERS (OPTIONAL)

Depending on your speaker set up, connect your speakers to the audio ports on the back of the CORSAIR ONE based on the diagram below.
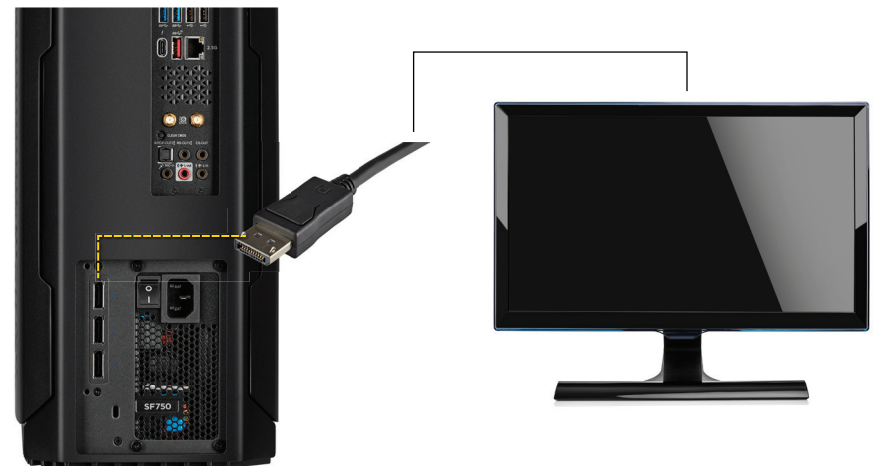
AUDIO PORTS	CHANNEL			
	2	4	6	8
Center/Subwoofer Out			●	●
Rear Speaker Out		●	●	●
Line-In/Side Speaker Out				●
Line-Out/Front Speaker Out	●	●	●	●
Mic-In				

(● = connected, Blank = empty)
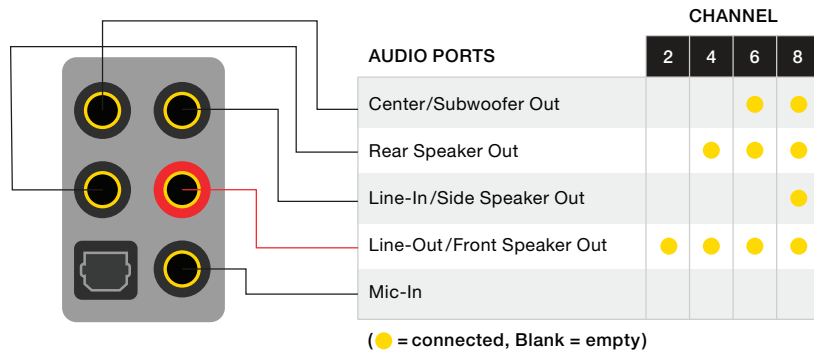
CONNECTING NETWORK (OPTIONAL)

If you're going to use a wired connection to your network instead of a wireless connection, connect the Ethernet cable from your modem or router to the network port on the back of the CORSAIR ONE.

CONNECTING VR HEADSET (OPTIONAL)

CORSAIR ONE is designed to make connecting to VR hardware easy. Connect the HDMI cable from your VR headset to the front or rear HDMI port of the unit, then connect the USB cable(s) from your VR headset or breakout box to the front or rear USB ports.
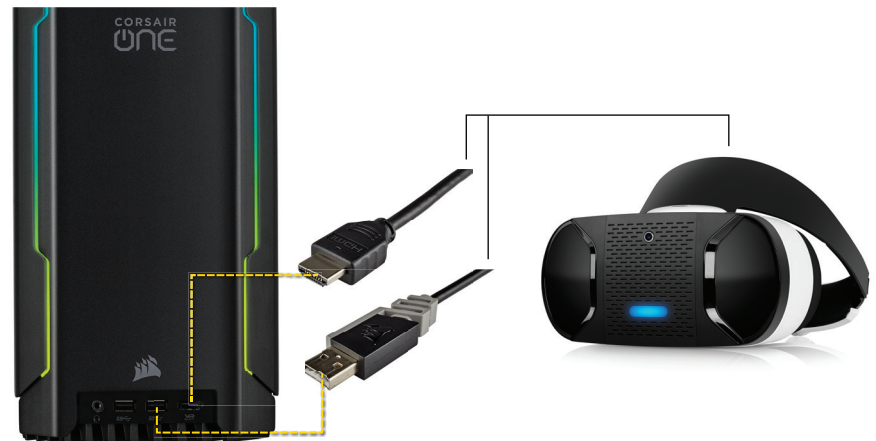
SERVICE

Updated Drivers and Software

CORSAIR ONE comes with all of the necessary drivers and software for operation preinstalled. New versions of drivers and software are available at:

http://www.corsair.com/downloads

UPGRADING CORSAIR ONE

Advanced users who want to upgrade their CORSAIR ONE can do so without voiding their warranty. Video and written instructions on how to do so can be found at:

http://www.corsair.com/corsair-one-upgrade

FAQ/TROUBLESHOOTING

Q: My CORSAIR ONE will not boot.

A: Disconnect all cables from the CORSIAR ONE and hold the power button for 5 seconds. Then reconnect the cables and attempt to power it on.

Q: My CORSAIR ONE does not display a picture over DisplayPort.

A: Check the connection between the CORSAIR ONE and your monitor or monitor(s). Also ensure that your display is on the correct input and the cable you are using is DisplayPort certified.

Q: My CORSAIR ONE does not display a picture over HDMI, or motion in the image is choppy.

A: Check the connection between the CORSAIR ONE and your monitor or monitor(s). Also ensure that your display is on the correct input. Finally, try connecting with a different cable. To ensure the best quality image, use an HDMI cable certified for HDMI 2.0 operation at 18Gbps.

Q: The Diagnostic Tool hangs.

A: Turn off any system scanning tools, including antiviral software, then open the Diagnostic Tool again.

Q: Wi-Fi and/or Bluetooth is/are not working.

A: Make sure that the antennas on the back of the unit are connected and fully screwed on. If they are attached properly and you still are not able to use Wi-Fi and/or Bluetooth connectivity, contact CORSAIR customer support.

Q: Do I have to connect my keyboard and mouse in the 2 USB ports with the keyboard and mouse icons?

A: No. You can connect your keyboard and mouse to any USB ports.

CORSAIR ONE Systems Limited Warranty

CORSAIR provides a non-transferable warranty to the purchaser of CORSAIR ONE product purchased from an authorized CORSAIR reseller. CORSAIR warrants that the product will be free from defects in material and workmanship for a specified period commencing on the date of purchase. The warranty period for CORSAIR ONE is 2 years, as identified in your user documentation, on the product package. In the event, any of these warranty periods differ, the longest specified warranty period will apply.

Except where prohibited by applicable local law, this warranty is limited to the original purchaser and is non-transferable. This warranty provides you with specific legal rights, and you may have additional rights that vary under local laws.

In general, this warranty means your CORSAIR ONE product will operate in accordance with published technical specifications, as specified by its datasheet, and in the operating environment for which it was intended for the length of the warranty period.

Remedies
CORSAIR's entire liability and your exclusive remedy for CORSAIR ONE product that is not operating in accordance with its published technical specifications is at CORSAIR's discretion: 1) to repair or replace the product at CORSAIR's expense. This warranty obligation is conditioned upon the hardware being returned to the original place of purchase, or another place as directed by CORSAIR, with the original sales receipt attached. You may be required to pay shipping and handling charges, as well as any applicable tariffs, duties, taxes, or other fees. CORSAIR may, at its discretion, provide new or refurbished product.

Any replaced CORSAIR ONE will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is greater, or for the period of time required by local statute.

Obsolete or Discontinued Products
An obsolete or discontinued product will be replaced with the same product if available. If CORSAIR is unable to replace your obsolete or discontinued CORSAIR ONE product with the same product, CORSAIR will replace the obsolete or discontinued CORSAIR ONE product, in its sole discretion, with a CORSAIR ONE product having similar function and capacity.

Exclusions
This warranty does not cover problems or damage resulting from, but not limited to, any of the following:

1. Wear and tear associated with normal use.
2. Any modification, abuse, accident, disassembly, misapplication, or unauthorized repair.
3. Removal of serial number or regulatory labels.
4. Any improper operation, including any use not in accordance with any supplied product instructions.
5. Connection to any improper voltage supply.
6. Any other cause which does not relate to a product defect in materials or workmanship.

Also, excluded from this warranty are counterfeit CORSAIR ONE products; that is, products that CORSAIR, at its sole discretion, determines were not manufactured by CORSAIR or any of its authorized manufacturing partners.

Limitation of Liability
CORSAIR SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, REVENUE, OR DATA (WHETHER DIRECT OR INDIRECT) OR COMMERCIAL LOSS FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON YOUR PRODUCT EVEN IF CORSAIR HAS BEEN ADVISED PREVIOUSLY OF THE POSSIBILITY OF SUCH DAMAGES. Some local laws do not allow the exclusion or limitation of special, indirect, incidental or consequential damages, so this limitation or exclusion may not apply in your jurisdiction.

Exclusion of Implied Warranties
EXCEPT AS PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS HARDWARE PRODUCT IS EXPRESSLY DISCLAIMED Some local laws do not allow limitations on how long an implied warranty may last, so this limitation may not apply in your jurisdiction.

Data Recovery
In the event of data loss using CORSAIR ONE product. CORSAIR is not responsible for backing up or recovering any data that you may have lost.

No Other Warranties
No CORSAIR employee, dealer, or other agent is authorized to make any modification, extension, or addition to this warranty.

How to Make a Warranty Claim
Before submitting a warranty claim, please contact our technical support group and visit **http://support.corsair.com** and review the support section for technical assistance.

Returning Your Product for Repair
You can submit your RMA request on-line at **http://support.corsair.com.** Upon repair authorization of your CORSAIR ONE, by CORSAIR Technical Support, we will provide you with a Return Merchandise Authorization Number (RMA# as well as return instructions. A valid proof of purchase is required for RMA processing (i.e. receipt, invoice, copy of credit card statement).

Do not return your product without prior approval from CORSAIR. Any product returned without a valid, unique RMA# will be refused and returned to the sender at the sender's expense. To avoid problems at the time of receipt, clearly write your RMA# on the outside of the package and include a copy of your RMA confirmation e-mail within the package.

Preparing your system for shipment:
Prior to shipping the system for repair, back up all data and remove all confidential, proprietary and personal information from the unit. Remove any external add-on equipment or removable media such as, flash drives, CDs, etc.

CORSAIR is not responsible for any of your confidential, proprietary, or personal information; lost or corrupted data; or damaged or lost removable media.

If your system is password protected, please kindly disable the password prior to shipping your device.

As a part of the repair process, all software on the system will be reset to original specifications. CORSAIR is not responsible for loss suffered by you because of any data left on your system that is shipped to CORSAIR for repair, and CORSAIR will not be responsible for restoration or reinstallation of any programs or data.

CORSAIR ONE RMA Return Addresses
We have multiple RMA Repair locations worldwide. Your CORSAIR ONE RMA confirmation will specify the specific return address you must use when sending your RMA package. This will be your standard return location and should not be changed without prior approval from CORSAIR. Any packages received at an unauthorized location may be refused and returned to the sender at the sender's expense.

CORSAIR ONE Return Shipping
At no cost, CORSAIR will mail to you a return shipping package with a return shipping label. The packaging material includes a box, protective foam and a polyethylene bag. Detailed packaging instructions are provided. A CORSAIR logistics partner will provide shipping of the product from you to the repair center and back to you at no cost. All packages that arrive with any external damage and appear will be assessed during the repair process. CORSAIR is not responsible for damage incurred during shipping to our RMA receiving locations if the unit is not properly packed.

CORSAIR ONE Warranty Periods
CORSAIR ONE comes with a 2-year hardware warranty

CORSAIR offers a 1-year hardware warranty for certified refurbished CORSAIR ONE products.

(A) Product type and category as defined in Article 2 (one and only one category): Category D.
(B) Manufacturer information: CORSAIR MEMORY INC, 47100 BAYSIDE PARKWAY FREMONT, CA 94538 U.S.A.
(C) M/N: RCS0005.
(D) Year of manufacture: Please refer to S/N in product label.
(E) ETEC value (kWh) and capability adjustments applied when all discrete graphics cards (dGfx) are disabled and if the system is tested with switchable graphics mode with UMA driving the display: N/A.
(F) ETEC value (kWh) and capability adjustments applied when all discrete graphics cards (dGfx) are enabled: 325 kWh.
(G) Idle state power demand (Watts): 75.456.
(H) Sleep mode power demand (Watts): 2.950.
(I) Sleep mode with WOL enabled power demand (Watts) (where enabled): 3.030.
(J) Off mode power demand (Watts):0.326.
(K) Off mode with WOL enabled power demand (Watts) (where enabled): N/A.
(L) Internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power: 10%: 83.6; 20%: 90.6; 50%: 92.8; 100%: 91.6.
(M) External power supply efficiency: N/A.
(N) Noise levels (the declared A-weighted sound power level) of the computer: 22.8 dB(A) in idle mode; 40.6 dB(A) in maximum operation mode.
(O) The minimum number of loading cycles that the batteries can withstand (applies only to notebook computers): N/A.
(P) The measurement methodology used to determine information mentioned in points (e) to (o): 7.1.1 (e) ~ (k) : EN50564: Electrical and electronic household and office equipment – Measurement of low power consumption. IEC62623: Desktop and Notebook Computers- Measurement of Energy Consumption. 7.1.1 (l) : Generalized Test Protocol for Calculating the Energy Efficiency of Internal AC-DC and DC-DC Power supplies revision 6.6.
(Q) Sequence of steps for achieving a stable condition with respect to power demand: Refer to the Test setup section of the IEC62623.
(R) Description of how sleep and/or off mode was selected or programmed; The display sleep mode set to activate within 10 minutes of user inactivity. The system sleep mode shall be set to activate within 30 minutes of user inactivity. The sleep and/or off mode was selected or be programmed by operating system power management function. (e.g. MS Windows).
(S) Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode: The power management function allow the system automatically switching from idle mode to display sleep mode, then system sleep mode will be active after a period of user inactivity.
(T) The duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode: The system for a period time no user or network activity (up to 30 minutes).
(U) The length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode: The system for a period time no user or network activity (up to 30 minutes).
(V) The length of time before the display sleep mode is set to activate after user inactivity; The system for a period time no user or network activity (up to 10 minutes).
(W) User information on the energy-saving potential of power management functionality: You can save money by activating power management features. You can help reduce power usage and other side effects (e.g. Greenhouse Gas and Carbon Reduction) The power management benefit you can also reference: https://www.energystar.gov/products/low...
(X) User information on how to enable the power management functionality: User information described in user manual of power management.
(Y) For products with an integrated display containing mercury, the total content of mercury as X,X mg: 0.
(Z) Test parameters for measurements:
— test voltage in V and frequency in Hz: 230V AC; 50Hz
— total harmonic distortion of the electricity supply system:<2%
— information and documentation on the instrumentation, set-up and circuits used for electrical testing:
EN50564: Electrical and electronic household and office equipment – Measurement of low power consumption.
IEC62623: Desktop and Notebooks Measurement of Energy Consumption Generalized Test Protocol for Calculating the Energy Efficiency of Internal AC-DC and DC-DC Power supplies revision 6.6 (for Internal power supply).