Introducing the EVGA SC17 Gaming, the apex of portable performance for the gamer and professional.

Powered by an Intel i7 quad core processor and an NVidia GTX graphics card, M.2 PCI-E SSD's, 1TB of storage, 32GB of DDR4 RAM, USB 3.1 type C, Intel Gigabit LAN, Bluetooth 4.2, and a 4k IPS screen; giving you the best performance components in a portable package.

The EVGA SC17 is a complete turn-key solution, comes with Windows 10 Home 64bit, and a minimalist set of preinstalled software. There is no need to clutter a new PC with software you do not need, so we included an overclocking and monitoring tool, and the Intel Storage Management software and nothing else, leaving it clean, sleek, and fast, just what you need in a Performance Laptop.

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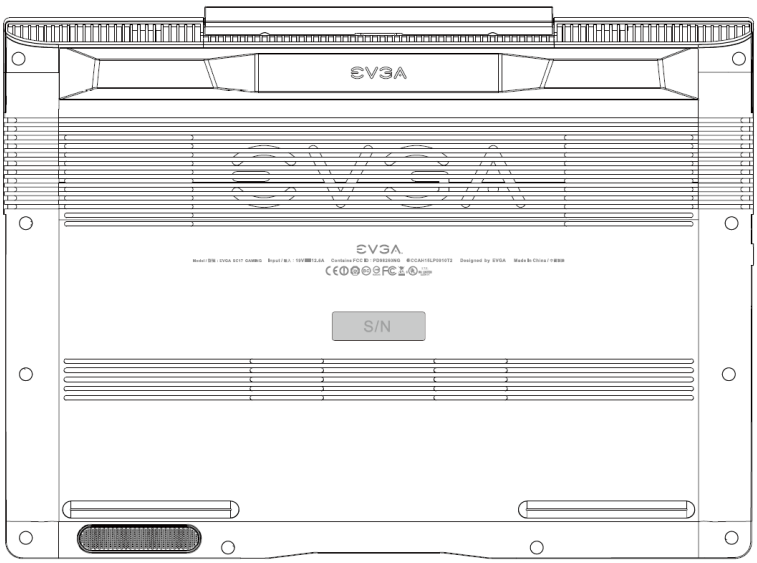
What's in the box?

Package Contents:

- EVGA SC17
- Power Adapter
- Power cord
- Manual
- 1 pcs USB type C to A cable
- 1 pcs Audio cable

Serial and Registration

The serial number and part number sticker will be on the bottom of the laptop here (see below pic).



If you already have an account at www.evga.com then you can log in and under "Member Home" you can select Product Registration and follow the prompts for registering your new Notebook.

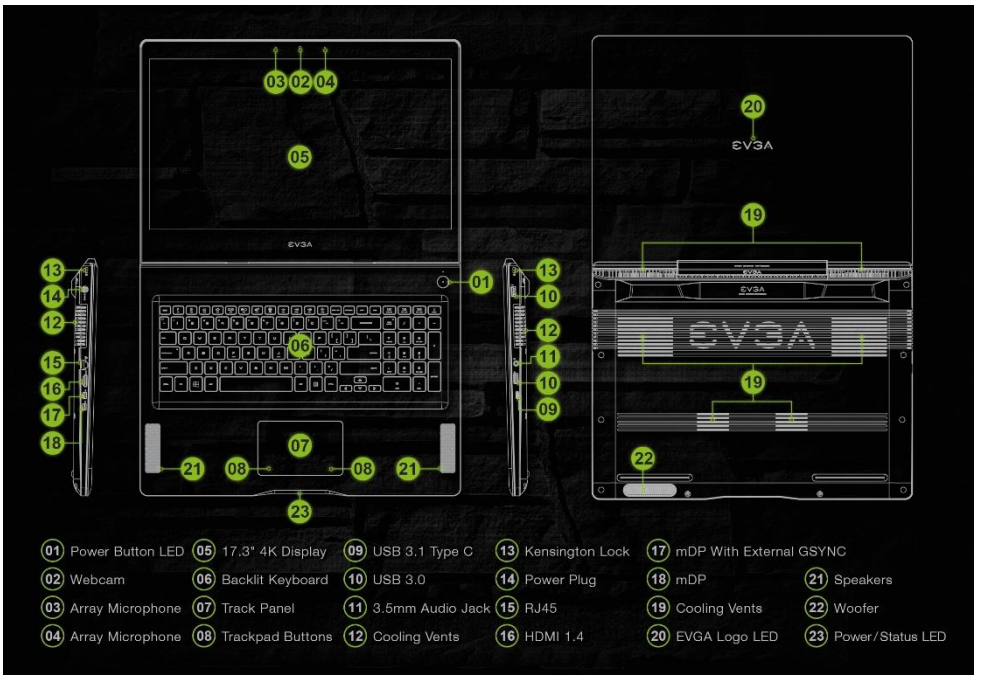
If you do not have an account, you will first need to go to www.evga.com and click on Member Login at the upper right, and click the "Sign Up" button, and follow the prompts. Once your account is created and activated you can register your Notebook.

With the Notebook registered, you can see your warranty status and contact our Product support any time 24/7 if there are ever any questions or concerns.

Technical Support

EVGA has industry leading Customer Service / Technical Support in the US available 24/7 via phone and email. Customer service can be reached at 888-881-3842 or at support@evga.com , and you can also request assistance from support from the "My Products" selecting your EVGA SC17, click on Support Tickets, and then click on Submit a Ticket.

Features



EVGA Logo LED can be switched ON/OFF in BIOS

Power/Status LED

- Full Brightness Light – Power On/Plugged In
- Blinking Light – Sleep/S3
- Off – Power Off
- Medium Brightness Light – Running on Battery
- Flashing Light – Battery Low (5% left)

NOTE: Enabling GSYNC over DisplayPort must be done from within BIOS. Enter the BIOS, go to the Advanced Tab, and make sure "Display Port GSYNC" is set to enable.

Specifications

Dimensions:

408mm (16.06 inches) X 295.5mm (11.63 inches) X 26.9mm (1.06 inch)
Weight: 3.69kg, 8lb 2.24oz

CPU:

Intel i7-6820HK Skylake-H Mobile Unlocked CPU.

Operating System:

Windows 10 Home 64

System RAM:

32GB 2666MHz DDR4 SO-DIMM's (16GBx2)

Graphics:

NVidia GeForce GTX-980M with 8GB GDDR5

Panel:

Sharp 17.3 UHD 4K LQ173D1JW31BLCM

GSYNC:

Support for EXTERNAL GSYNC monitor

Audio:

Realtek ALC 255
Stereo Speakers
3.5mm Headphone /Mic Jack

Storage:

256GB M.2 PCI-E SSD
1TB 7200RPM SATA 6G

Ethernet:

Intel 219-V 10/100/1000 Controller
1x RJ45 Connector

Wi-Fi:

Intel Snowfield Peak AC-8260

Bluetooth:

BT 4.2

USB:

2x USB 3.0 Type A
1x USB 3.1 Type C

Video Out:

1x HDMI 1.4
2x mDP

WebCam:

LiteOn FHD 1920x1080 3mm thickness
Integrated Digital Mic

Touchpad:

SynapticsClickpad 1.5

Keyboard:

Full sized white backlit with SunrexNumberpad.
EVGA Font

Keyboard Key Functions:

F1/F2: LCD Backlight Brightness
F3/F4: Keyboard Backlight Brightness
F5: External Mode (output on HDMI port)
F6: LCD close
F7: Touchpad off
F8: Windows Key off
F9/F10/F11: Volume Adjust
F12: Flight mode (WiFi/Bluetooth off)
Home/pg up/pgdn/end: Music Track

Getting Started

First, connect your EVGA SC17 to the charger to get the battery charging. First plug the power cable into the charger and plug that into the wall outlet, and connect the charger to the left side of the Notebook.

Press the power button to start the EVGA SC17.

The first time you run your EVGA SC17 have it plugged in for at least 3 hours to allow it to fully charge.

Configuring PrecisionX Mobile for the EVGA SC17

PrecisionX Mobile is designed to be your monitoring and tuning suite for your EVGA SC17 Notebook. This will cover monitoring in the upper section as well as specific controls for CPU, Motherboard, Graphics card, lighting, and general non-performance/appearance options.

CPU Dashboard

CPU Clock: This will show the frequency your CPU is currently running at. This will vary based on load, background applications, etc. It is common, without overclocking, to see this specific model of CPU fluctuate between 800 MHz and

3800 MHz (3.8 GHz). Overclocking will change the values listed here but the clocks will still vary.

CPU Package Temp: This displays the temperature in Celsius of the CPU socket which the probe is attached to, the individual Core temp will vary from this as well and depending on ambient temps and load level can vary from below 20c up to 90c.

CPU Voltage: this monitors the current VCore of the CPU. This will vary on its own, however in override mode it can be set to a static value. CPU voltage is read in millivolts, so 1000mv is 1.0 volts.

Fan RPM: This is the speed at which the cooling fan runs. This will vary based off of temperature of internal components, the fan curve is set from the factory.

Memory clock: This is the frequency your system RAM is running at. The default speed is 2666MHz

Memory Voltage: This read the voltage the memory is currently running at. This will typically be between 1.20 and 1.35 volts.

System temp: This is the temp of the PCH (chipset) on the motherboard. This will typically be lower than the CPU temp.

GPU Dashboard

GPU Clock: Current speed of the core clock for the GPU. This will vary based off of load and temperature.

GPU Memory: This is the current frequency the memory is running at. This will vary based on load. Also it is NORMAL that the memory clock will be displayed at half the actual speed, as this is part of the function of DDR RAM.

GPU Voltage: Current voltage of the GPU, this will vary based on load as well as any overclocks applied.

GPU Temp: Current GPU temperature, this will vary but will typically between 25c and 35c at idle depending on ambient temps, and has a maximum safe limit of 86c under heavy load.

CPU Tab:
This displays the settings for the CPU.

Core 1: Displays the current max multiplier for Core 1
Core 2: Displays the current max multiplier for Core 2
Core 3: Displays the current max multiplier for Core 3
Core 4: Displays the current max multiplier for Core 4
Ring: Displays the current max multiplier for the Ring

VCore mode: Selects the optional CPU overclock mode between Adaptive and Override.

Adaptive – Provides a Voltage target and an offset voltage, providing the BIOS with a desired range to run within.
Override – Sets all voltage to a static value.

GPU Tab:
This displays the settings for the GPU.

Power Target: Provides a percentage based increase in available voltage for the GPU, this is used when overclocking.

GPU Temp Target: Adjusts the temperature threshold of the GPU. This is typically only needed during overclocking and benching sessions.

Core Clock Offset: Increase the upper threshold for boost of the GPU clock.

Memory Clock Offset: Increase the upper threshold for boost of the Memory clock.

Backlight Tab:
This displays the current settings for the backlight settings on the keyboard.

GPU Utilization: This is the percentage of the GPU being used across all applications cumulatively.

GPU Clock: This displays the current speed in MHz that the GPU is running.
GPU Temp: This displays the current temperature, in Celsius, of the GPU.

Frame Rate /Sec: This is the number of frames rendered in a second.

Manual Control: This is a slider to control the brightness of the Keyboard backlighting.

Breathe: This creates a breathing effect of the backlighting. In essence it slowing increases and decreases the backlight, oscillating indefinitely.

Options Tab:
Settings for controlling PrecisionX Mobile's features outside of hardware.

Start Minimized: When the EVGA SC17 Notebook boots, it launches the PrecisionX application, but starts it minimized.

Start with OS: This enables PrecisionX Mobile to be launched with the operating system.

Check Updates: This is where you check for updates for your PrecisionX Software, and schedule when to check it automatically.

Screen Capture Hotkey: This designates a key to be pressed to capture a screen image.

Screenshot Format: This allows you to select the file type the screenshots are saved in.

Screenshot Folder: This designates a location to store the screenshots taken with above step. Browse and View buttons help you to select and verify the proper location.

Language: The language PrecisionX Mobile will be displayed in. You can also toggle tooltips within the interface for assistance in use of the tools.

Select Skin: This is to select the background visuals, font, and color options of the UI for PrecisionX Mobile.

GUI Transparency: This is a slider to set the opacity of the UI.

GUI Always on top: Enabling this option will make this software always on top of other programs you have running.

NOTE: The above images of PrecisionX Mobile OC Utility are beta version only, for the latest version please use “Check Updates” feature in PrecisionX Mobile or visit EVGA.com

Comfort with Continuous Use

1. Position your EVGA SC17 directly in front of you, if you have an external mouse; use it adjacent to the EVGA SC17 and with easy reach. Do not place it in a way you need to stretch to reach the mouse or EVGA SC17.

2. Adjust the height of your chair and/or desk to put the keyboard just slightly below elbow height.

3. Keep your posture straight and your shoulders relaxed.

4. During gameplay or long work periods, keep your wrists relaxed and straight. When doing repetitive tasks avoid keeping your hands and wrists flexed or extended for prolonged periods of time.

5. When using the EVGA SC17 for long periods of time do not rest your wrists on a hard surface, instead use a wrist rest for proper wrist support. This should minimize fatigue.

6. Sitting in the same position all day is not ideal. You should get up, walk around, moving legs and arms at regular intervals.

Compliance Information

FCC Compliance Information

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013.

Contains Transmitter Module FCC ID：2AG9J8260NG

CE Compliance Information

Generic Radiation Interference Standard for Information Technology Equipment. (EN 55022: 2006, Class B), (EN 61000-3-2: 2006), (EN 61000-3-3: 1995 + A1: 2001 + A2: 2005). Warning: This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measure. Generic Immunity Standard for Information Technology Equipment.(EN 55024: 1998 + A1: 2001 + A2: 2003).

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