

PRODUCT NAME

WATCHOUT SERVER

DESCRIPTION

SQM Multimedia Support presents a multimedia server with WATCHOUT 6 software, which is a tool adapted to compose multimedia elements such as live image, photos, sound, animations, and then combine and control them on large-format screens and panoramic projections of fantastic quality and high resolution.

The multimedia SQM server has fantastic hardware parameters. It is equipped with the Asus ROG Strix X99 motherboard, which is known for its four-channel DDR4 support at 2133MHz, super-fast speed and extremely fast transfer as well as a wide range of connectors (USB-C 3.1 and USB-A 3.1 Gen 2 each, five 3.5 mm audio jacks, 8 USB ports (4 in each version 3.0 and 2.0), Ethernet port, PS/2 combo for keyboard/mouse, Wi-Fi 802.11a/b/g/n/ac and Bluetooth 4.0 standards compatibility). The motherboard uses the Intel X99 chipset.

The server works on a very efficient six-core Intel Core i7-5930K processor with 15MB SmartCache memory and a base frequency of 3.5GHz. The processor temperature is effectively controlled thanks to the reliable, dual-fan Noctua NH-L12 cooling device.

The software works extremely smoothly thanks to 32GB of RAM at 3000MHz. The device uses a 256-bit NVIDIA M4000 Quadro graphics card with 8GB GDDR5 memory, which has 4 DisplayPort 1.2 outputs that

PRODUCT NAME

WATCHOUT SERVER

DESCRIPTION (CONTINUED)

support 4K resolution. In addition, a Magewell Capture Quad PRO frame grabber with 4 HDMI Full HD inputs was installed.

The speed and reliability of the WATCHOUT software and the Windows 7 Professional (64-bit) operating system are provided by two, super-fast Samsung SSDs - the first with 512GB in M.2 PCIe 3.0 standard, and the second with 256GB in SATA3 standard.

The SQM WATCHOUT server supplies a reliable, modular Tacens Valeo V 900W power supply, which is known for its quiet operation thanks to one of the most advanced fan control solutions. All of the fantastic quality components are placed in an extremely solid, aluminum Lian-Li PC-C32B housing, which also has 2 3.5mm connectors and 2 USB 3.0 ports. Thanks to the dimensions of the housing, any components can be accommodated and adequate air circulation is ensured.

WATCHOUT is extremely intuitive, widely communicative and compatible software. It gives you unlimited possibilities in terms of the number of displays, resolution (up to 16K) or channels. WATCHOUT is a fantastic solution for multimedia management at major live events, conferences, fairs, concerts, during the organization of professional television broadcasts, large-format 3D project mapping, digital signage solutions, and many other applications.

SPECIFICATIONS

Operating system	Windows 7 Professional 64-bit EN
Motherboard	Asus ROG STRIX X99 GAMING
Processor	3.5GHz Intel Core i7-5930K
Memory	32GB RAM (4 x 8GB, DDR4 DIMM slots; 3000MHz)
Storage	Samsung 850 PRO SATA3 256GB SSD
Storage	Samsung 950 PRO M.2 PCIe 3.0 512GB SSD
Frame grabber	Magewell Capture Quad Pro (4 x HDMI)
Graphics	NVIDIA M4000 Quadro
Front connectors	2 x 3.5mm jack (Audio input/output)
Front connectors	2 x USB-A 3.0
Graphics card connectors	4 x DisplayPort 1.2 (4096x2160)
Width (mm)	426
Height (mm)	167
Depth (mm)	530
Connectors	4 x USB-A 2.0
Connectors	1 x USB-A 3.1
Connectors	2 x BNC (Antenna)
Connectors	1 x Optical digital audio output
Connectors	4 x USB-A 3.0

SPECIFICATIONS

Connectors	1 x PS/2 (Combo 6-pin Mini-DIN)
Connectors	5 x 3.5mm jack
Connectors	1 x Ethernet (RJ45)
Connectors	1 x USB-C