Ultimas 3200 Music Production Laptop

This laptop is aimed at the musician, DJ or producer who wants a durable, powerful and reliable portable DAW to record and produce their music to a professional standard. But who needs to save space and/or have the ability to easily transport the system the studio or collaborator's house. The chassis is manufactured from aluminium (15in only) and is lightweight yet very strong and the backlit keys are easily visible whilst in a dark environment. If you want a laptop to use for live performance, or you will be constantly on the move then this is an ideal choice.

You can connect a monitor (screen) via the HDMI port so that you can use the laptop in your home or studio and still have the benefit of using a larger screen.

There are 3 USB ports which are all backwardly compatible to USB 2 for your audio interface. There is also a Type C USB port that can be used as an additional USB port with the appropriate cable or adapter if required.

We would recommend this music laptop to anyone using Studio One, Cubase, Reaper, Reason or LIVE.

The i7-11800H (2.3GHz) 8 core processor will provide for plenty of audio and instrument tracks with VST effects for larger than average production tasks.

The basic 16GB configuration is fine for most day to day production tasks with around 32 tracks with effects. However, if you want to add more virtual instruments and real-time effects then it is strongly advised that you go for the 32GB option. To give the very best performance then 64GB is recommended.

The laptop has on board Bluetooth & WiFi, but we advise disabling these and setting Aeroplane mode to ON whilst recording or mixing.

The Ultimas 3200 has a dedicated on board NVIDIA graphics processor and memory. This means that there is no loss of processor power or memory, the graphics processing is carried out by the NVIDIA system and the maximum amount of main CPU cycles can be addressed to processing your audio.

We will configure the BIOS and Windows settings to optimise system performance for audio recording. This means we will turn off any power saving options so that the machine is always in "performance mode". We will however, if possible, disable any Turbo options, we believe it is best to have the processing working constantly at a set clock speed rather than continuously alternating depending on the tasks on hand. This is to keep the timing of the whole system as stable as possible so that your mixes get that solid timing feel.

The SSD (Solid State Drive) on the system is of M.2 architecture. This is an SSD that is connected directly to the motherboard via a multi-pin slot rather than a SATA cable. This gives MUCH wider bandwidth and enables far greater amounts of data to be transferred more quickly and without dropouts and the performance bottleneck sometimes experienced with SATA devices. Windows uses the system drive for many background tasks whilst you're working so, if you are going to be recording and mixing with many audio tracks then it is advisable to add a 2nd drive that can be dedicated to streaming the audio separately to all other audio tasks such as sample-based VST instruments. This is also an M.2 drive and so will deliver excellent performance and huge amount of audio tracks.

If you are not sure as to which configuration to purchase, then the general advice is firstly, prioritise RAM and go for 32GB. Then, if the budget allows add the 2nd SSD. If you've still got cash to spare,

then go for the full 64GB RAM. For bigger audio projects on the 3200/6400 systems then 64GB is a must have! However, if you work mainly with real-time virtual synthesizers and such a Arturia don't record much audio then additional SSDs won't help much. You need as much RAM as possible.

DIMENSIONS & WEIGHT

Dimensions (w x d x h)
360.2mm x 243.5mm x 20.5mm

Weight
2.0Kg (inc. battery)

Colour
Black

CHIPSET

Processor Support
11th Generation Intel Processor Support

MEMORY

Memory Type
Supports DDR4 2933MHz

Number of Modules
2 x Modules

Maximum Supported Memory
64GB

HARD DRIVE CAPACITY

M.2 Port
2 x M.2 2280 SSD Ports, 1 x WLAN M.2 2230

DISPLAY & GRAPHICS

Graphics
NVIDIA GeForce GTX 1650 4GB dedicated memory

Screen Size
15.6 inch Widescreen

Native/Maximum Resolution
1920 x 1080

Refresh Rate
144 Hz

NTSC
72%

AUDIO

Channels
2 channel HD Audio

Connections
Microphone-in and headphone-out

Speakers
2 x 2W Stereo Speakers

Integrated Microphone
Yes

COMMUNICATIONS

LAN
2.5 Gigabit Ethernet

Wireless Support
Wireless LAN 802.11ax/ac/b/g/n (M.2 Interface)

Bluetooth Support
Bluetooth V5.0 module support

KEYBOARD & MOUSE

Keys
Single zone RGB backlit keyboard

Language Support
Multi-Language support

Pointing Device | Touchpad Mouse
Touchpad Pointing Device with left/right click

Backlit Keyboard
Yes

MEMORY CARD READER

Memory Card Reader
3-in-1 Card Reader (SD/SDHC/SDXC)

PORTS

LAN
1 x RJ-45 jack

USB
1 x USB 3.1 Port (Type C), 2 x USB 3.1 Ports, 1 x USB 2.0 Port

Display
1 x HDMI, 1 x DP 1.2 via USB-C

Microphone-IN
1

Headphone-OUT
1

DC-in
1

WEBCAM

Webcam
1.0 MP Webcam

BATTERY & POWER LEAD

Battery Capacity
3 Cell Lithium-Ion, 46.74WH

Typical Battery Life
Up to 4 Hours

Battery Type
Integrated

Power Lead & AC Adpater
1 x Power Lead included with AC Adapter

SECURITY

Kensington Lock

Yes