

The latest products and technologies at Computex 2018

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MSI launches many great laptop models

MSI WT75 - A workstation that configures a "disguise" form of a laptop

MSI WT75 is a high-end workstation laptop with design inherited from GT73 gaming laptops.

MSI WT75 is equipped with all the most advanced technologies along with the ability to allow users to optionally assemble components.







WT75 configuration is extremely terrible:

1. Xeon E5 CPU.
2. NVIDIA Quadro graphics card.
3. 4 SO-DIMM slots and can support maximum DDR4 up to 128 GB.
4. 3 standard M.2 SSD ports with 2 2.5 "slots for mounting SATA HDDs.
5. Two screen options: PS 4K UHD (3840 x 2160 Pixels) or FHD (1920 x 1080 Pixels).
6. NVIDIA Quadro graphics cards have many options such as P3200, P4200, or P5200 16GB GDDR5.
7. A USB Type-C Thunderbolt 3 port with 5 USB 3.0 Type-A ports.
8. A Mini-DisplayPort port (1.4) comes with an HDMI (2.0) port for connecting images.
9. Headphone jack and microphone are separated into 2 ports of the same S / PDIF output.
10. An RJ-45 port for wired network connection.
11. Wireless network technology speeds up to 1.73 Gbps.
12. Supports both Bluetooth 5.0 connectivity.
13. Fingerprint security technology.

GF63

GF63 is subtly designed with 15.6-inch screen and ultra-thin border but still possesses a terrible configuration with Intel Core i7 processor, NVIDIA GeForce GTX 1050Ti graphics card, battery life can be continuously used 7 hours.



The smooth aluminum cover of this laptop is engraved with the distinctive red dragon logo of MSI. To optimize the user gaming experience, GF63 installed MSI Dragon Center 2.0 version.

PS42

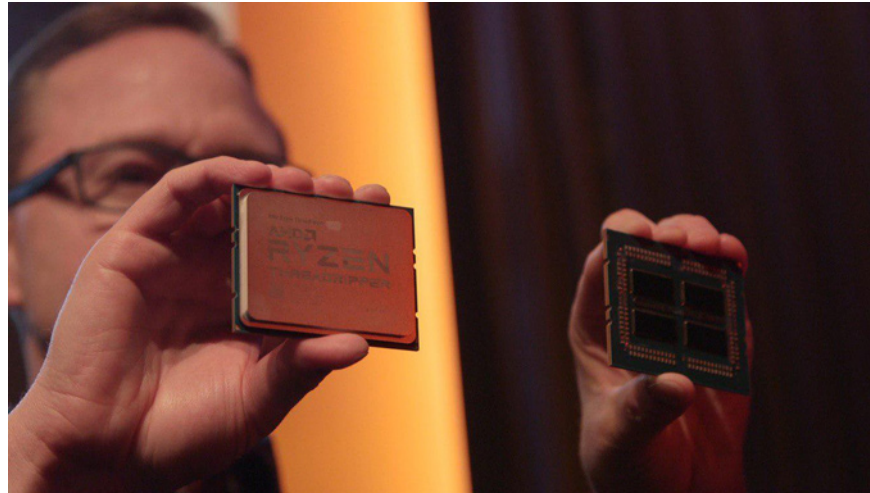


PS42 has a 14-inch screen, ultra-slim keyboard when weighing only 1.19 kg and 15.9 mm thick. But it still has a huge configuration with the 8th generation Intel Core i7 processor, NVIDIA GeForce graphics card, high-end fingerprint sensor, battery capacity can be used continuously for 10 hours.

AMD introduced a terrible CPU

The second generation Threadripper CPU has up to 32 cores and 64 threads

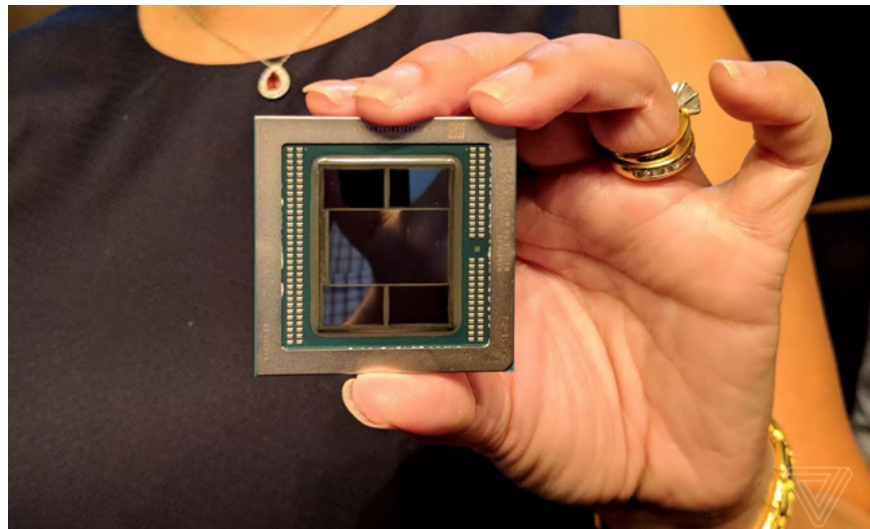
This new AMD CPU has surpassed Intel's record set yesterday with 28 cores and 56 threads.



It will be produced based on AMD's Zen + 12nm architecture but is improved compared to previous generations. This 32-core CPU Threadripper can be compatible with older motherboards.

The world's first 7nm GPU, VGA has 32GB HBM memory

The world's first generation graphics card using GPU is manufactured on 7nm process and has 32GB of HBM memory. The number of transistors on this card is more than twice that of the latest VGA manufactured on a 14nm process and has a performance greater than 35% and less than half of the power consumption.



AMD produces this VGA card for workstations, for research on artificial intelligence (AI) or Machine Learning.

Intel unveiled a new display technology

New Low Power Display screen technology

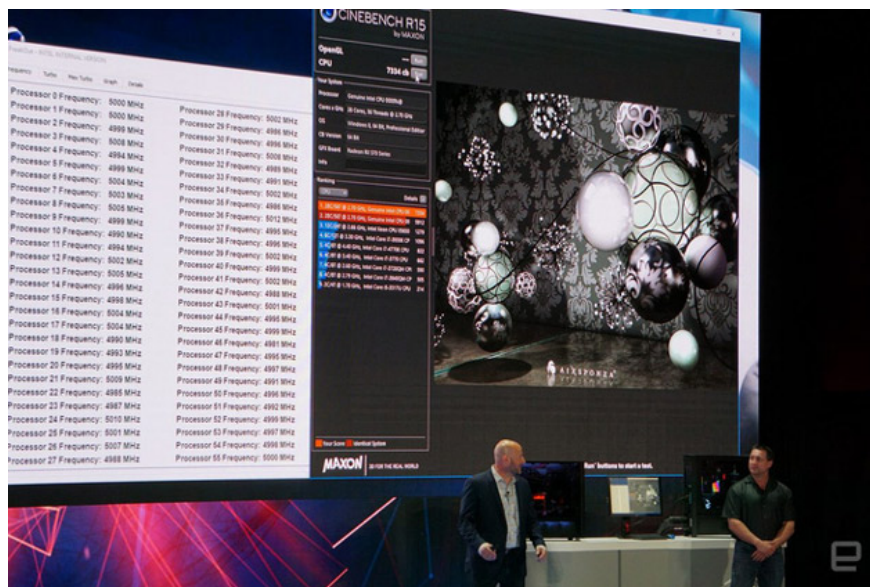


According to Intel's announcement, this new screen technology still ensures the display quality of laptops, but the amount of power consumed is reduced by half compared to the current normal screens, increasing laptop battery life by 4 - 8 o'clock.

In addition, Low Power Display technology also allows the GPU to change the brightness according to the task used to flexibly adjust and save maximum power consumption.

Super monster CPU with 28 cores, 56 threads

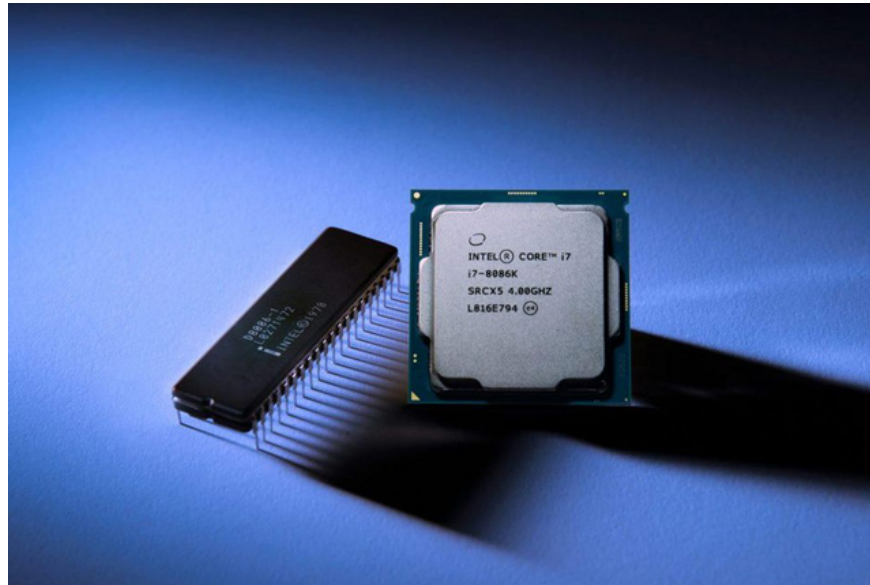
At the 2018 Computex event, Intel unveiled a CPU "monster" with 28 cores and 56 threads. In the Cinebench demo, the chip ran at 5.0 GHz on all cores, and achieved a multi-core benchmark of 7334 points. Break every record on current CPUs.



As expected, the chip will be released to Intel in Q4 2018, on the X299 platform.

Core i7-8086K limited CPU version can reach 5GHz clock

Core i7-8086K belongs to the 8th generation Intel Coffee Lake family, including 6 cores, the basic clock speed is 4GHz and can even accelerate to 5GHz, this is Intel's first CPU to do this.

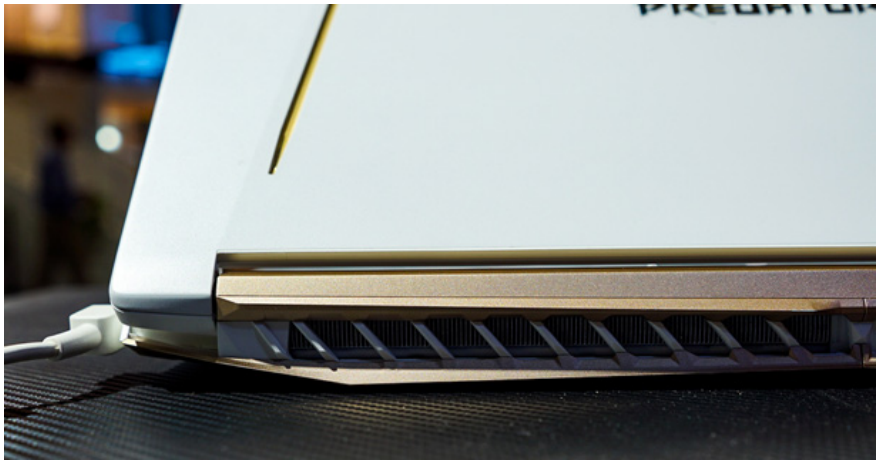


This special version of Core i7-8086K was released by Intel to celebrate its 50-year milestone and will be sold on June 8 in limited quantities.

Acer - The duo of configurable gaming laptop duo: Predator Helios 500 & 300

Acer Helios 300 Special Edition

The Helios 300 has a 7th-generation processor - Intel Core i7 7700HQ, 2 8GB DDR4 SDRAM bars, NVIDIA GeForce GTX 1060 video card and a 15.6-inch screen. "This laptop has a white body shell with gold border around.





Acer Predator Helios 500

Helios 500 has a tremendous configuration:

1. Intel Core i9 processor.

2. Nvidia GeForce GTX 1070 graphics card. In addition, users can choose AMD Ryzen 7 2700 or AMD Radeon RX Vega 56 GPUs with FreeSync technology.
3. 16GB RAM, maximum upgrade support to 64GB.
4. 2 hard drives include 1 256GB SSD and 1 HDD 1TB.
5. G-Sync 17.3 'screen.
6. Keyboard with RGB backlight with 4 lighting areas, support 16.8 million colors.
7. Built-in anti-ghosting technology provides a smooth experience, complex commands and 'combos' in the game, can be installed via 5 separate buttons.







Corsair introduces new series of products - RGB, lots of RGB

iCUE software



iCUE unifies lighting control, cooling system, monitoring system in a single interface. This software supports thousands of Corsair products, helping to cease using CUE and Link status as two separate software.

Corsair Vengeance RGB PRO DDR4



The new Vengeance RGB Pro DDR4 RAM set has 10 separate RGB LED light zones on the same RAM module controlled by powerful iCUE software to help your system shine with a simple click. With the ability to change the light position on each RAM module, users will no longer worry about mounting the lamp position wrongly.

Vengeance RGB Pro DDR4 uses XMP 2.0 technology to allow the RAM to run at up to 4600 MHz with the included efficient cooling system.

Corsair Obsidian 500D RGB SE



Obsidian 500D RGB SE is equipped with the latest Corsair LED RGB system, mask made from dark-tempered glass, Comander Pro RGB controller, 3 LL120 RGB fans with 48 separate LED zones.

Corsair Crystal 280X RGB



Corsair Crystal 280X RGB has 2 separate chambers to make the space more spacious. The case supports multiple fans and rad up to 240mm, attaching 6 different fans to help cool components efficiently. The rear chamber contains PSU, HDD tray and SSD tray along with an extremely spacious cordless space.

The case is equipped with 2 LL120 RGB fans, 3 toughened glass for USD 159.99 and USD 109.99 for non-RGB versions.

ASUS introduces ROG Phone, the top-notch game, with a series of genuine items

Gaming ROG Phone

This is the first smartphone branded ROG from Asus. As a specialized device for gaming, ROG Phone owns a powerful configuration with overclocked Snapdragon 845, 8GB RAM, 512 GB capacity, 4000 mAh Battery. ROG Phone has a benchmark score that surpasses other competitors such as iPhone X and Galaxy S9.

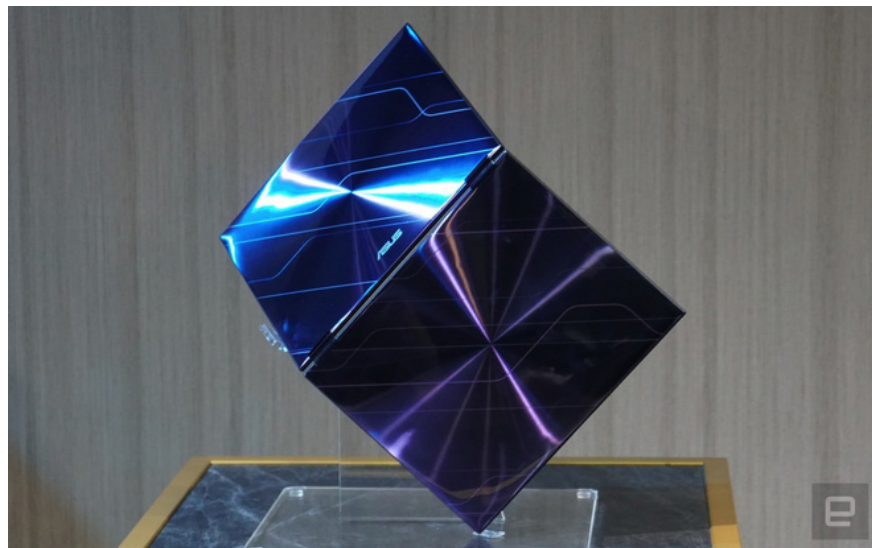


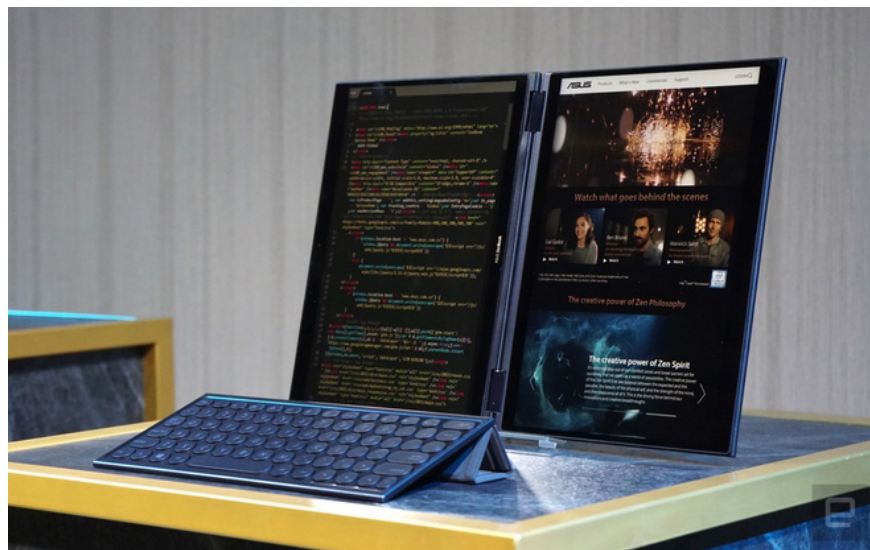
You can see the ROG Phone details in the article 'Watching a super Android phone for gaming, including cooling fans'.

Project Precog - Laptop 2 monitors combined with artificial intelligence

The Asus Precog project computer is very flexible, you can:

1. Fully open and use as a normal laptop with the screen below becomes a virtual keyboard.
2. Fold two screens on either side like a tent.
3. Fold it completely into use like a Tablet.
4. Spread the computer flat out to play games on both screens thanks to a keyboard and mouse connected to the device via Bluetooth.

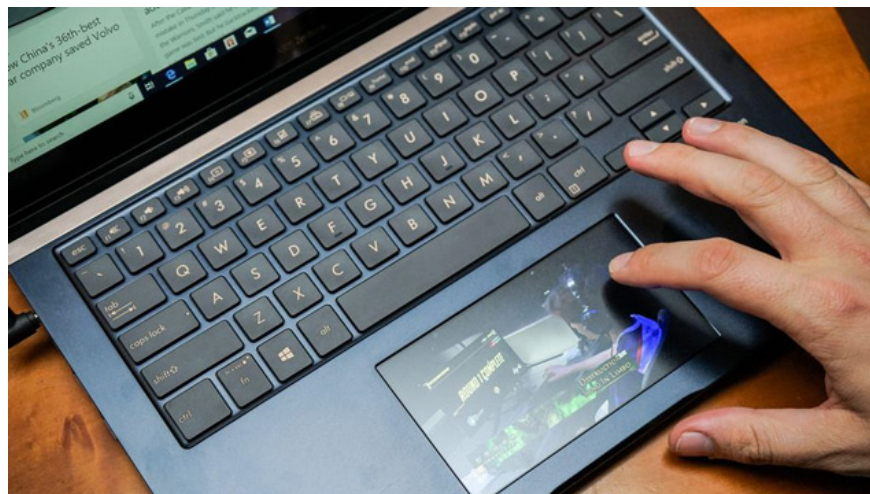
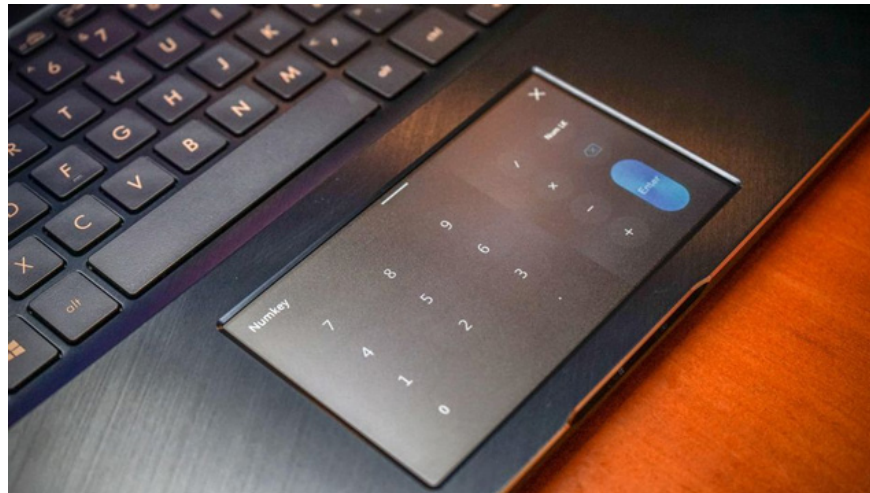




Currently, Asus's Precog project is just a concept and the machine introduced at Computex is not the final finished product. But according to Asus, users will be able to use this unique laptop next year.

VivoBook and new ZenBook with touchpad and touch screen

At this year's Computex event, Asus continues to unveil the latest laptop models. The most impressive is the ZenBook Pro (UX 580) with a touchpad integrated with a touch screen and called ScreenPad. When not turned on, ScreenPad on UX 580 is just a regular touchpad. But when activated it becomes a touch screen that allows users to interact with just touch gestures.



About the configuration of the ZenBook Pro:

1. High-end Intel Core i9 processor.
2. Nvidia GeForce GTX 1050Ti graphics card.
3. The screen has a resolution of up to 4K with 100% Adobe RGB color coverage.

In the official version, ScreenPad is compatible with the Office 365 suite and is equipped with an additional SDK (Software Development Kit). UX 580 is priced at about \$ 2299.

In addition to the ZenBook Pro, ASUS introduces two other notebooks equipped with the latest 8th generation Intel microprocessor, VivoBook S and ZenBook S.



Asus ROG Rapture GT-AX11000 - the world's first router reached more than 10 Gigabit

GT-AX11000 has a wireless access speed of 2.53 times faster than 802.11ac 4x4 standard thanks to support for 802.11ax connection standard.



With OFDMA technology, GT-AX11000 allows connecting multiple devices to the same bandwidth channel, increasing network performance by 4 times and reducing latency.

ROG router supports LAN 2.5 Gigabit port for wired network. In addition, it also provides 3 optimal bands to speed up the bandwidth for connecting from game to server.

ASUS ROG Delta Headset



Standard USB-C connection, integrated quad-DAC Hi-Fi standard audio processing.

CPU Coolers ROG Ryujin 360/240



1.77-inch OLED display, cooling capability reduces the temperature up to 20 ° C, PPC material propeller system.

Power Supply ROG Thor 1200W Platinum

Power supply system with 135mm standard fan of IP5X standard, OLED display shows power usage information, 1200W power supply, supports Aura Sync lighting effect.

Qualcomm Snapdragon 850 platform running Windows 10

Qualcomm introduced the new Snapdragon™ 850 mobile computing platform, which can run on Microsoft Windows 10 operating system. It supports many features on smartphones for computers:

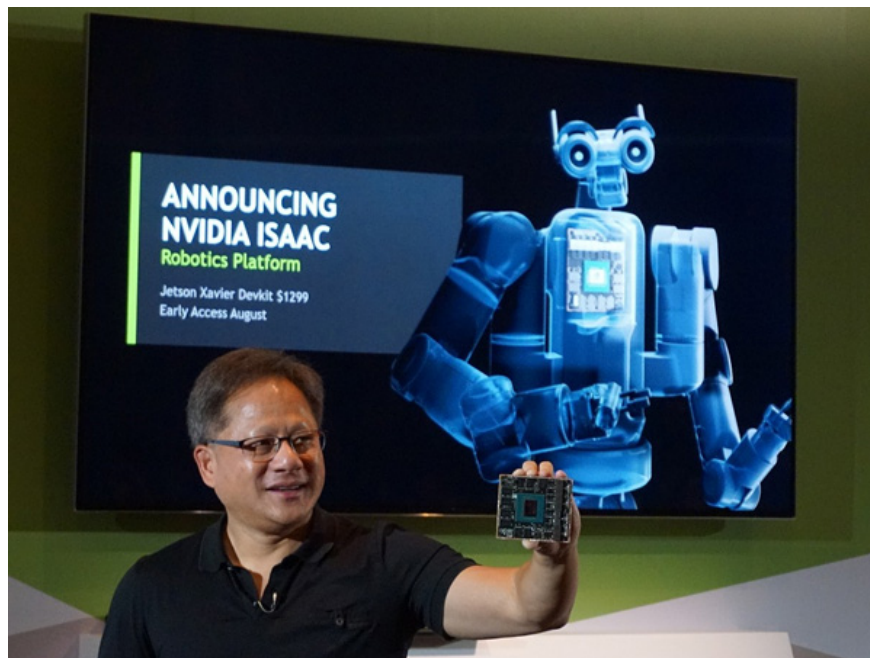
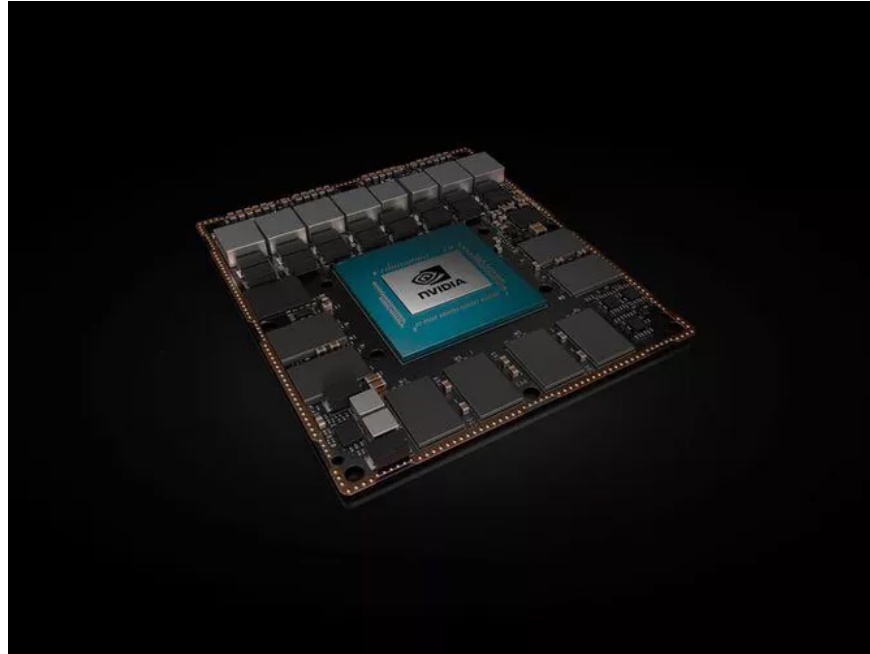
1. Help your computer stay connected to an LTE or Wi-Fi network. LTE connection speeds also increase to 1.2 gigabits per second.
2. Improve the performance of the entire system up to 30%.
3. Improving the performance of AI increased 3 times compared to the previous generation.
4. The battery can be used continuously for up to 25 hours and under normal conditions of use can last for several days.



NVIDIA launches Xavier Jetson, CPU for robots in the future

One of NVIDIA's most notable products at Computex 2018 is the Xavier Jetson. It is equipped with 6 processing cores that can perform up to 30 trillion calculations per second. The Jetson Xavier is compact in the palm of a hand with a capacity of 30 watts but possesses the same power as a 1000 watt 10,000 workstation system.

Xavier Jetson is not for your computer, but for future robots and it is priced at \$ 1299.



At the event, NVIDIA also introduced two other AI processors, Drive Pegasus for fully self-driving cars and Drive Xavier for semi-autonomous vehicles.

VAIO comes back with 2 new laptop models S11 and S13

At Computex 2018, JIP introduced two new VAIO laptops in the S series for Asia, S11 and S13. These two models have been introduced in Japan.



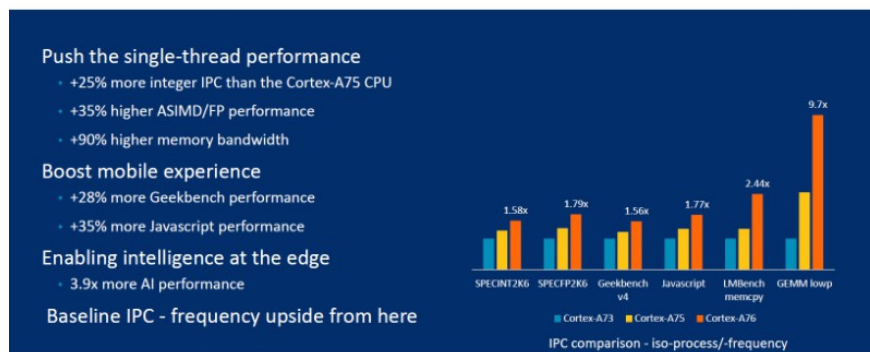
The S11 has an 11.3-inch Full HD IPS screen and S13 is 13 inches. Both have the option of Core i5 or Core i7 gen 8 processor, RAM capacity from 4GB to 16GB, SSD capacity from 128GB to 512GB.

In the period from July to next, VAIO S11 and S13 will be available in Hong Kong, Taiwan, Singapore, Malaysia and some other Asian countries.

ARM introduces Cortex-A76 and Mali-G76 with high performance, more battery saving

The new Cortex-A76 core is manufactured on a 7nm process, clocking up to 3.0 GHz, up to 35% higher and 40% better energy efficiency than the current Cortex-A75 (10nm). Its speed has been improved four times faster when applied to information acquisition, the memory bandwidth has almost doubled.

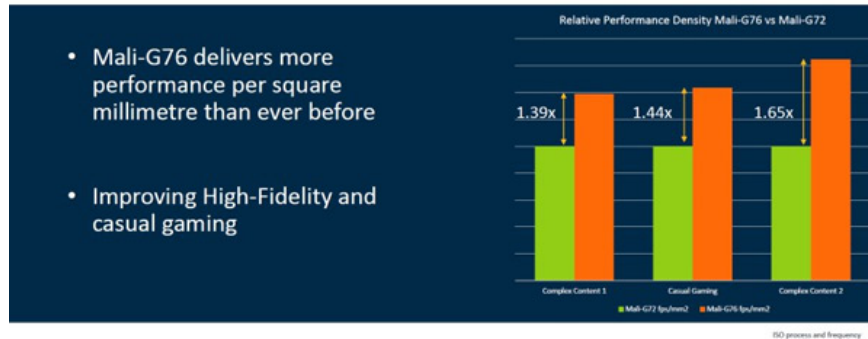
Accelerating the performance curve in any workloads



- Push the single-thread performance**
 - +25% more integer IPC than the Cortex-A75 CPU
 - +35% higher ASIMD/FP performance
 - +90% higher memory bandwidth
- Boost mobile experience**
 - +28% more Geekbench performance
 - +35% more Javascript performance
- Enabling intelligence at the edge**
 - 3.9x more AI performance
- Baseline IPC - frequency upside from here**

ARM's latest GPU series, Mali-G76, also produced on the 7nm process, can increase performance by more than 50% compared to the G72 series, saving more than 30% battery life and improving both in terms of availability. machine learning function.

Mali-G76: Improving gaming performance



Video processor Mali-V76 has video encoding capability of 8K at 30 fps, video decoding with 8K resolution at 60 fps or 4k resolution video at 120 fps. Mali-V76 promises to bring a better experience for users when used with VR virtual reality toolkit.

Other new products and technologies at Computex 2018 will be constantly updated by us.

See more:

1. 6 highlights prominently during Apple's WWDC 2018 event
2. List of the world's smallest technology items
3. The impressive list of laptops won the Computex d & i 2018 award by TAITRA

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