

The first Windows 11 computers equipped with the Microsoft Pluton security chip have just been released

Lenovo just unveiled the first Windows 11 PCs equipped with the Microsoft Pluton security chip at CES 2022. These models are the ThinkPad Z13 and Z16, both of which use AMD Ryzen 6000 Series CPUs.

"Microsoft Pluton is a security chip, first introduced on Xbox and Azure Sphere, designed to store sensitive data such as encryption keys, protected inside Pluton hardware, which is directly integrated. to the device's CPU, so it would be very difficult for an attacker to gain access even if they have direct contact with the device," said David Weston, Microsoft Enterprise and Operating System Security Manager , To share.

"This type of design helps to ensure that recently emerging attack techniques don't get access to important data."



In addition, Microsoft Pluton also has a built-in ability to check the integrity of the firmware to prevent malicious code from making malicious changes. If it detects that the firmware is modified, Pluton will repair it via Windows Update with software updates directly from Microsoft.

Noteworthy points of the Lenovo ThinkPad Z13 and Z16 laptop duo

1. Added Communications Bar with larger sensor Full HD camera, ability to disable e-Shutter electronic camera for privacy, dual-array microphone.
2. The highest screen-to-body ratio of the ThinkPad series, 91.6% (Z13) and 92.3% (Z16).

3. Large 120mm ForcePad haptic feedback touchpad.
4. Great display options include a 2.8K OLED touch screen on the Z13 and a 4K OLED on the Z16, both of which support Dolby Vision and low blue light.
5. Dolby Atmos Speaker System and Dolby Voice AI noise canceling technology.
6. New double tap on TrackPoint to open Communication QuickMenu for quick access to camera and microphone settings.
7. Z13 uses AMD Ryzen Pro U-Series CPU with integrated AMD Radeon graphics plus Microsoft Pluton security chip. The Z13 also has the option of using the exclusive AMD Ryzen Pro 6860Z CPU.
8. Z16 uses an AMD Ryzen Pro H-Series CPU with integrated AMD Radeon graphics or optionally a discrete AMD Radeon RX6500M graphics card plus a Microsoft Pluton security chip.
9. AMD Ryzen PRO 6000 Series CPUs with Qualcomm FastConnect 6900 provide the market's fastest WiFi connectivity on Z13 and Z16.
10. Pre-installed Windows 11.
11. Integrated fingerprint sensor into the keyboard.



According to Lenovo, the ThinkPad Z13 will be available in May 2022 with prices from \$1,549 while the Z16 will also be available in May 2022 with prices from \$2,099.

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