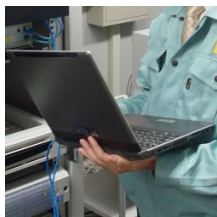


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By: Bogdan Ionescu, Hardware Editor



Nec Introduces the Laptop Without A Hard Disk

Improved security for the company's data

The Japanese company Nec has developed a **laptop** for corporate users that does not include in its configuration a hard disk. Named PC Parafield, the computer was developed as a replacement to the actual client systems and combines the possibility to work anywhere with improved data security. Conventional laptops can be used anywhere, but they represent a security risk because they can be stolen. The new Nec system does not store data by default, needing a network connection to the company's servers. But such a connection is not always available. The new laptop without a hard disk stores the operating system and the software applications locally in the flash ROM memory, the system being able to work without a network connection. Flash ROM memories are usually used for storing BIOS and firmware in electronic devices, but they have limited reprogramming possibilities. Apparently, PC Parafield looks like a **normal laptop**, and its specifications are standard besides the absence of the hard disk. It features an Intel Pentium M processor that runs at 1,73 GHz and has Windows XP Professional OS. 3 GB of flash ROM are available for storing the operating system and the additional software, and the featured RAM memory is 512 MB. The display has a 1024 X 768 pixels resolution (XGA), measuring 12 inches.