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NEC Combines High-Speed IP Packet Processing with ATM Switching

(Jun 11, 1998)

☐ Abstract (summary)

NEC <6701> has developed the industry's first large-volume ATM (asynchronous transfer mode) switcher with standard high-speed Internet protocol packet processing technology, called AtermMis16 in Japan and AtermNet/M16 in overseas versions. Units are slated to ship in October. The device was developed in response to the rapidly expanding use of intranet and Internet based communication systems and the spread of ATM line service. The device is the first to combine asynchronous transmission mode technology, which is increasingly popular in business networks, with IP packet processing. It also has a function module with unique built-in clock that allows switching capacity to be adjusted from 1.6GB to 7.5GB and up to 40GB per second. It also has features allowing priority transmission of real-time voice and image data.

☐ Full Text

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