Empowered by Innovation

NEC

NEC Express | 5800

US100
Desktop Thin Client Terminal for NEC Express5800 Series

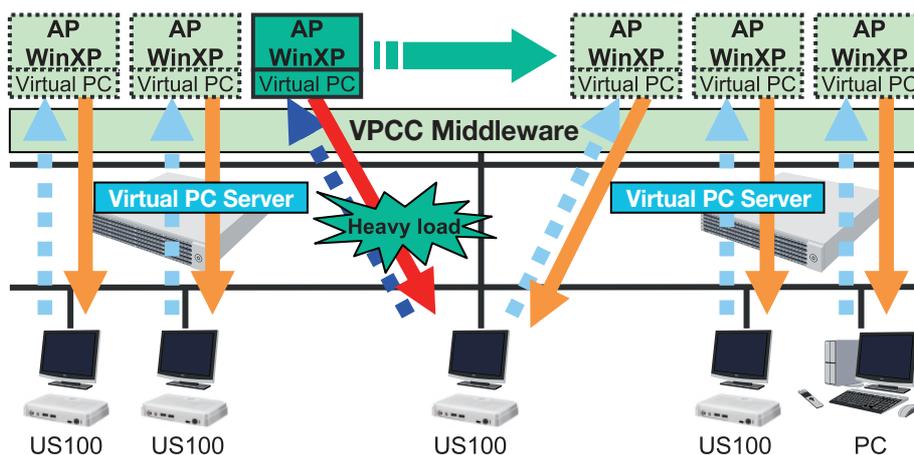## Palm-sized Thin Clients streamline your client-server management.

The NEC US100 Thin Client diskless terminal reduces risk of data theft, improves your TCO, and enables centralized management of your remote clients. Combined with the NEC Virtual PC Center (VPCC), the US100 realizes NEC's next-generation Thin Client System.

US100 Thin Client Terminal

Virtual PC Center

The Virtual PC Center (VPCC) allows different applications to be used on the US100 terminals and enables smooth processing by monitoring terminal and server loads – the VPCC moves a virtual PC in a heavily loaded server to a less-loaded server or optimally allocates server resources (CPU and memory) to a heavily loaded virtual PC.

US100 Features

Diskless desktop terminal

Supporting both Citrix ICA and Microsoft RDP, the US100 is optimized for thin client systems and server consolidation.

Compact chassis, lower power consumption, and quiet operation

Housed in a palm-sized compact chassis*, the US100 contains no disk drive and no cooling fan, reducing audible noises and power consumption and helping create a comfortable office environment.
*155mm (W) x 104mm (D) x 34mm (H)

Reduced network loads

With the support for ICA, the US100 terminals can be deployed over a WAN, keeping network loads to a minimum.

Automatic update from a central location

Terminal settings and firmware are automatically updated all at once from a single DHCP/FTP server.

High-speed audio/video processing

To reduce network loads, audio/video data* remains compressed when transmitted from a server to the US100 terminals, and is decoded by hardware decoders, without giving heavy loads to CPUs in the terminals. The US100 delivers the same level of audio/video performance as provided on standard PCs.
*Formatted in MPEG2/AC3 for RDP clients

High-quality softphone

The US100 contains a VoIP* softphone module, which allows you to speak with other clients by installing an optional US100 softphone application in a server. (This function is only available for the Virtual PC Center.) *Voice over IP

US100 Specification	
Memory	128MB (RAM), 2MB (Flash memory)
Graphics	640x480, 800x600, 1024x768, 1280x1024, 1600x1200 (16.7M colors)
External interface	USB x4, 10/100/1000BASE-TX LAN connector (RJ-45) x1, DVI-1 x1, audio output x1, audio input (microphone) x1
Dimensions (mm)	155Wx104Dx34H
Weight	420g
Consumption power (max.)	13W
Power	AC100-240V + -10%, 50/60Hz
Protocol	-RDP5.2 (Supporting Microsoft® Windows® XP and Microsoft Windows Server 2003 Terminal Service) -ICA8.0 (Supporting Citrix Presentation Server4.0)

Specifications are subject to change without notice.