IBM Network Station™ Family of Thin Clients
Access for today, flexibility for tomorrow
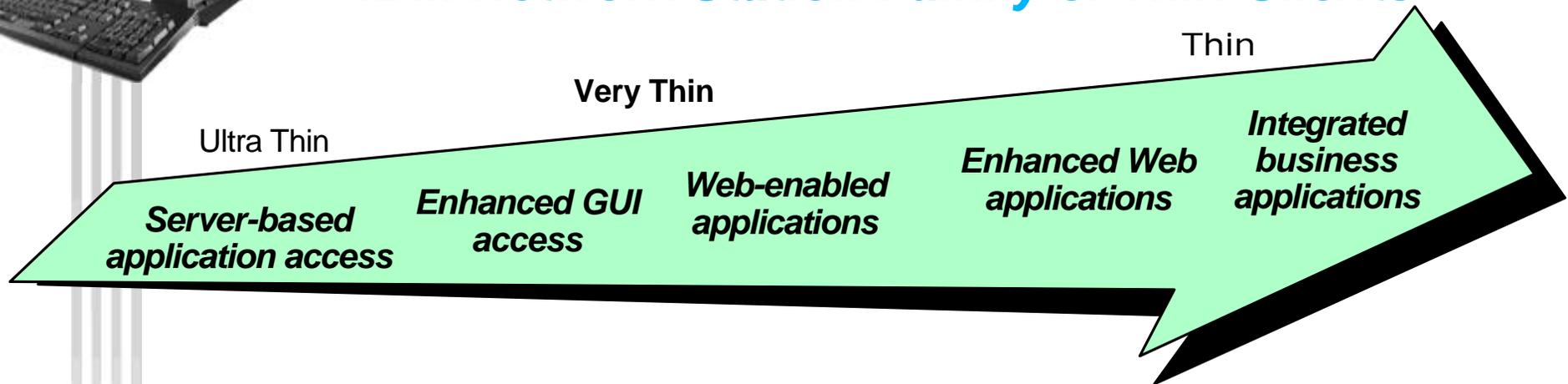
Network Station Hardware Overview

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e-business

IBM

Thin Client Spectrum

IBM Network Station Family of Thin Clients

Thin

Very Thin

Ultra Thin

Server-based application access | *Enhanced GUI access* | *Web-enabled applications* | *Enhanced Web applications* | *Integrated business applications*

- Emulator / ICA on client
- 5250, 3270, ASCII, X
- Access to Windows applications

- Simple GUI on client
- Additional function

- Browser on client
- Web-server enabled
- HTML

- Browser with Java on client
- Java applets / components

- Full Line of Business application execution on client
- LOB Java / non Java applications

Series 300　　**Series 2200**　　Series 1000　　Series 2800

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Series 2200

Model/Type	• 8363/Exx (Ethernet) • 8363/Txx (Token Ring)
Memory	• 32MB SDRAM base, expandable to 288MB using 32-, 64-, 128- or 256MB DIMM in one slot
Flash memory	• Compact flash options (8 to 96+MB)
Connectivity	• Ethernet 10/100Mb or Token-Ring 4/16Mb
I/O	• Two USB ports (one used by keyboard / mouse) • Legacy parallel printers via optional USB adapter
Internal expansion	
Video support	• 3MB UMA RAM Supports VGA, SVGA and SXGA monitors at resolutions up to 1024x768 at 64K colors and 1280x1040 at 256 colors
Audio support	• Internal quasi-stereo speaker • 16-bit audio with stereo output and mono input jacks
Input devices	• 102-key, PC-style USB keyboard (stealth gray) • Support for 19 national language versions • Two-button mouse (stealth gray) connects to keyboard
Mechanical	• System unit,length / width / height, including base: - 278mm (10.9") / 40mm (1.6") / 212mm (8.3") • Weight: 2.27kg (5.0 lbs.) • Orientation: Vertical • Power consumption: 12 watts typical
Warranty	• Three (3) years

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Series 2800

Model/Type	• **8364/Exx (Ethernet)** • **8364/Txx (Token Ring)**
Memory	• **64MB SDRAM base in one of two slots, expandable to 256MB using 32-, 64- or 128MB DIMM.** • **512k L2 cache**
Flash memory	• **Compact flash options (8 to 96+MB)**
Connectivity	• **Ethernet 10/100Mb or Token-Ring 4/16Mb**
I/O	• **Two high-speed serial ports** • **One parallel port** • **Two USB ports - dependent on SW to enable, no V2R1 support**
Internal expansion	• **Two (2) half-length PCI slots**
Video support	• **4MB VRAM Supports VGA, SVGA and SXGA monitors at resolutions to 1600x1280 at 64K colors**
Audio support	• **Internal quasi-stereo speaker** • **16-bit audio with stereo output and mono input jacks**
Input devices	• **102-key PC-style keyboard (stealth gray)** • **Support for 19 national language versions** • **Two-button mouse (stealth gray)**
Mechanical	• **System unit, length / width / height, excluding base:** **- 346mm (13.6") / 71mm (2.8") / 289mm (11.4")** • **Weight: 5.67kg (12.5 lbs.)** • **Orientation: Vertical and Horizontal** • **Power consumption: 27 watts typical**
Warranty	• **Three (3) years**

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At a Glance

	Series 300	Series 2200	Series 1000	Series 2800
Memory	• EDO SIMM - 16 to 64 MB	• SDRAM DIMM - 32 to 288 MB	• EDO SIMM - 32 to 64 MB • Cache option	• SDRAM DIMM - 64 to 256 MB • 512k L2 Cache
Connectivity	• Ethernet 10Mb • Token-Ring 4/16Mb • Twinaxial cable (1)	• Ethernet 10/100Mb • Token-Ring 4/16Mb	• Ethernet 10/100Mb • Token-Ring 4/16Mb	• Ethernet 10/100Mb • Token-Ring 4/16Mb
I/O	• One serial - Printers - Touch Screen - Other Devices • One parallel - PC Printers	• One USB (open) - Legacy Parallel Printers via converter	• One serial - Printers - Touch Screen - Other Devices • One parallel - PC Printers	• Two serial - Printers - Touch Screen - Other Devices • One parallel - PC Printers • 2 USB (2)
Expansion	• PCMCIA - Linear flash - Multi-port Serial	• Compact Flash	• PCMCIA (option) - Linear Flash - Multi-port Serial	• PCI (2 short slots) - Multi-port serial • Compact Flash
Audio		• External Speakers • External Microphone (2)	• External Speakers • External Microphone (2)	• External Speakers • External Microphone (2)
Input devices	• PS/2style keyboard - Wedges • PS/2 style mouse	• USB style keyboard • PS/2 style mouse plugged to keyboard	• PS/2 style keyboard - Wedges • PS/2 style mouse	• PS/2 style keyboard - Wedges • PS/2 style mouse

Notes: 1 Not supported by V2R1

2 Dependent on software to enable, no base support in V2R1

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Network Station - Notes

- ## USB I/O only on Series 2200
  - ▶ **pros/cons**
    - – Pro .... **hardware simplicity**, "unlimited" I/O, lower base cost
    - – Con .... legacy support
  - ▶ **USB horizons**
    - – Many devices are coming to USB
    - – As the OS matures to allow for driver loading devices will be added to the network computer environment