

Leadership performance that scales to the challenge



IBM IntelliStation M Pro

Highlights

NEW!

Up to 550MHz Intel® Pentium® III processors

More multiprocessing muscle at up to 550MHz¹ with new dynamic media instructions and enhanced floating point performance. The IntelliStation™ M Pro is ramcharged with Intel's 440BX AGPset and 100MHz system bus with support for up to 1GB of 100MHz ECC SDRAM for superior application performance and reliability.

NEW!

2D/3D graphics: vivid response

Choose from leading 2D and 3D graphics engines tailored to your tasks. The industry's first 256-bit 3D graphics engine, the IBM® Fire GL 1² adapter, features 32MB of dynamic memory and full OpenGL pipeline acceleration for results that render the competition green with envy. For even higher 3D performance, the M Pro offers an arsenal of Intense3D accelerators. The 128-bit Matrox Millennium G200 is the industry standard for crisp 2D performance. Appian's dual monitor/single slot solution, available through IBM Business Partners, doubles your viewing area for the ultimate in peripheral vision.

Flexible, scalable tower design

The 6-slot/6-bay mini-tower is fed by a robust 330W power supply, with three cooling fans for long system life.

Application performance

IBM has teamed with leading software vendors to ensure the IntelliStation's superior application-focused performance and compatibility with their specialized software in the fields of engineering, electronic design, digital content creation, finance, GIS and software development.

Universal Manageability

Save time, money and manpower with IBM's Universal Management Agent™ (UMA), client software that helps deploy, maintain and protect your systems and valuable data. UMA integrates IBM Life Cycle Tools into enterprise management suites from Tivoli®, Microsoft® and others for comprehensive, customizable control of your networked world.

Adrenaline on tap

Escalate your workstation firepower with the next-generation IntelliStation M Pro. The M Pro exemplifies the IBM IntelliStation design mandate—to deliver superior Windows NT® application performance with inclusive compatibility—in a highly scalable mini-tower design. Clearly, the M Pro's technical merits distinguish this refined workstation. From its award-winning performance to its cost-saving manageability to the thoughtful details, like the integrated RAIDport connector. But the most compelling advantages—IBM's meticulous quality standard that defies downtime, renowned global support and SystemXtra® services from financing and leasing to integration, training and data recovery—reveal your choice of the IntelliStation M Pro as a truly strategic business decision.

The IBM IntelliStation M Pro: the power to transform inspiration into industry.



IntelliStation



IBM IntelliStation M Pro technical specifications

Processor	Up to 550MHz Pentium III processor, dual capable with 512KB cache
Core logic	Intel 440BX AGPset (Accelerated Graphics Port)
Memory (std/max)	64, 128 or 256MB/1GB ³ SDRAM ECC/100MHz/4 DIMMs
Graphics engines	Performance 2D: Matrox G200 with 8MB std/16MB max Advanced 3D: IBM Fire GL1 with 32MB dynamic memory Precision 3D: Intense3D Pro 3400 with 32MB
S.M.A.R.T. hard disk drives	Ultra ATA: 6.8GB or 13.5GB/7,200rpm Wide Ultra SCSI: 9.1GB/7,200rpm or 10,000rpm; 91GB max
Controllers	Dual-channel Adaptec 7895 Wide Ultra SCSI; 68/50 pin Ultra ATA integrated
Bays	6 bays: (2) 3.5" internal, (2) 3.5" external, (2) 5.25" external
Slots-number/type	6 slots: 1 AGP, 3 PCI, 1 PCI/RAID port, 1 shared PCI/ISA
Network interface	Integrated 10/100 Ethernet with Wake on LAN [®] RJ-45
CD-ROM	40X-17X ⁴ or 32X-14X
Audio	16-bit, SoundBlaster [®] -compliant Crystal 4235, speaker, Mic input, line-in, line-out
Operating system	Windows NT Workstation 4.0 installed ⁵ Service Pack 4
Ports	2 USB, 2 serial (16550), 1 (ECP/EPP), Ultra Wide SCSI 2x68 pin (1 internal, 1 external) and 1x50 pin (internal)
Universal Manageability	Universal Management Agent (UMA) and UMA Plus-enabled S.M.A.R.T. Reaction [™] Asset Information Chip Netfinity Manager [™] LANClient Control Manager [™] Norton AntiVirus [™] (OEM Version) ⁶ CoSession Remote [®] 32
Productivity tools	Lotus [®] SmartSuite [®] License, ⁷ Hummingbird "Try and Buy" Software Suite CD, IBM Via Voice [™] Gold, Internet Explorer 4.0
Options	Second Processor: Intel 550MHz processor (33L5112) or Intel 500MHz processor (36L9673); 100MHz ECC SDRAM: 64MB DIMM (01K1130), 128MB DIMM (01K1131) or 256MB RDIMM (01K1132); 18.2GB/10,000rpm Wide Ultra SCSI (20L0540); TR5 10/20GB Internal IDE tape drive (20L0549); P202 21"/19.8" VIS color monitor (655843N); T85 18.1"/18.1" VIS A/D TFT color monitor (9519DG0); IdeaScan scanner (0275011) Please visit www.ibm.com/intellistation/us/accessories for a complete list of compatible options.
Standards supported	FCC Part 15, Class B; UL 1950 First Edition, CSA c22.2 No. 950; ISO 9241 capable; ANSI S12.10
Need more information?	General: 1 800 IBM-2968 (US) Reseller: 1 800 IBM-7255 ext. 4750 Canada: 1 800 IBM-2255 IBM Fax: 1 800 IBM-3395 (US) Doc# 11018, World Wide Web: www.ibm.com/pc/us/intellistation (US) www.pc.ibm.com/ca/intellistation (Canada)
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- ¹ MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.
- ² Fire GL 1 is a trademark of Diamond Multimedia Systems, Inc., used under license.
- ³ GB means billions of bytes when referring to hard disk drive capacity. Accessible capacity may vary.
- ⁴ Variable read rate. Actual playback speed will vary and is often less than the maximum possible.
- ⁵ Windows NT not included with custom-configured models.
- ⁶ Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.
- ⁷ Diskettes and hard copy documentation available at extra charge.

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