



IBM IntelliStation Z Pro with Intel Xeon processor *featuring Intel Extended Memory 64 Technology*



IBM L200p Flat Panel Monitor available separately.

Highlights • Z Pro 6223

- **Intel® Extended Memory 64 Technology for simultaneous 32-bit and 64-bit application compatibility¹**
- **Choice of PCI Express x16 graphics from ATI®, NVIDIA®, and 3DLabs® approaching twice the bandwidth of AGP 8X**
- **Choice of dual-channel Ultra320 SCSI or SATA hard disk drives; HostRAID support Level 0, 1 integrated**

The best of both worlds

The IntelliStation® Z Pro sets a faster pace for businesses with familiar 32-bit software while growing into key 64-bit applications, helping to optimize your workflow and maximize your ROI. It's all about making the choice easy: 32- and 64-bits, Microsoft Windows and Red Hat Linux, 2D and 3D graphics tuned to your applications.

The perfect storm

The Z Pro invokes the latest technologies such as single or dual Intel Xeon processors up to 3.8 GHz with full-speed L2 cache up to 2MB, a trio of second-generation PCI Express x16 graphics adapters from ATI, NVIDIA, and 3DLabs, and fast SATA or faster dual-channel Ultra320 SCSI storage. The Intel E7525 chipset underpins this cauldron of energy, supporting up to 16GB of DDR II memory and an 800 MHz system bus to channel the flood of data. The Z Pro boasts handy front-mounted ports and status lights, tool-free access for upgrades and an available rackmount kit.

On Demand Express Portfolio for small- and mid-sized business

Select configurations of IntelliStation Z Pro workstations[®] are part of the IBM Express Portfolio™ designed, developed and priced to meet the special needs of small and mid-sized companies. Express models and configurations vary by country.

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IBM IntelliStation Z Pro with Intel Xeon processor • Model 6223 technical specifications



Processor	Intel Xeon processor up to 3.8 GHz, dual-capable
Cache	Full-speed 1MB or 2MB L2 cache
Core logic	Intel E7525 chipset; 800 MHz system bus; DDR II memory support
Memory (std/max)	1GB or 2GB/16GB ² PC2-3200 ECC DDR II SDRAM
Available graphics	NVIDIA Quadro® FX 3500 256MB NVIDIA Quadro FX 550 128MB NVIDIA Quadro NVS 285 64MB
S.M.A.R.T.³ Hard disk drives⁴	SATA: 80GB/7,200 rpm; up to 250GB/7,200 rpm (optional) Ultra320 SCSI: 73GB/10K (15K rpm optional); 300GB/10K rpm (optional)
Controllers	SATA and dual-channel 64-bit Ultra320 SCSI integrated; HostRAID Level 0, 1 integrated
Slots (total/open)	6 slots: (1/0) PCI Express x16, (1/1) 64-bit/133 MHz PCI-X, (2/2) 64-bit/100 MHz PCI-X; (2/2) 32-bit/33 MHz PCI
Bays (total/open)	6 bays: (3/2) 3.5" internal, (1/1) 3.5" external, (2/1) 5.25" external
Operating system supported	Microsoft Windows XP Professional (32-bit and 64-bit) or Red Hat Enterprise Linux 3 WS (32-bit and 64-bit) preloaded
Supported applications	Visit ibm.com/servers/intellistation/pro/isv/index.html for the list of engineering, electronic design automation, digital media, geophysical and life science applications.
Rack mounting	Rack Kit (13N2455), NetBAY™ Rack with perforated front door

For more information

World Wide Web

U.S.	ibm.com/intellistation
Canada	ibm.com/pc/ca/intellistation

Buy Direct

U.S.	1 888 SHOP IBM
Canada	1 800 465-7748

Reseller locator

U.S.	1 800 IBM-7255 ext. 4750
Canada	1 800 IBM-2255

¹ Requires a compatible 64-bit operating system.

² Maximum physical memory is currently 16GB contingent on general availability of 4GB single rank memory kits, running under select 64-bit Linux distributions; addressable capacity is less. Under select 32-bit Linux distributions, maximum physical memory is 16GB contingent on general availability of 4GB memory kits, with a maximum of 3GB allocated per thread. Maximum physical memory is 4GB running under Microsoft Windows XP Professional operating system; addressable capacity is less.

³ Self-Monitoring, Analysis and Reporting Technology.

⁴ GB equals 1,000,000,000 bytes when referring to hard disk drive capacity. Accessible capacity is less.

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