

## IBM IntelliStation Z Pro



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### Highlights

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- ***Superior application and graphics performance with new dual-core processors***
- ***Enhanced memory configurations excel at handling large 2D and 3D models***
- ***Expanded selection of graphics card offerings deliver flexible and powerful graphics performance***

### **Dual-processor performance**

The IntelliStation® Z Pro is a high-performance, robust graphics workstation that helps optimize compute-intensive 2D/3D applications. It is ideal for demanding technical users, from engineers and molecular chemists to animators and geologists.

### **Flexible and reliable**

For demanding graphics-rich applications, the Z Pro offers dual-socket computing power and supports up to four-core processor performance with expandable memory. The Z Pro features flexible configurations to help

meet current and future applications needs. Leverage the Z Pro expandability for multi-threaded applications—when the time is right.

Supporting a wide range of graphics cards from Performance 2D to High Extreme 3D, the Z Pro allows dual-graphics card installation, enabling expanded graphics capability. The Z Pro excels at intensive graphics processing and enabling multiple monitor use.

Hardware encryption, a new integrated design feature, helps provide data and storage security<sup>1</sup>. And improved noise control helps make effective team collaboration a reality.

Select configurations of the Z Pro workstation are part of the IBM Express Portfolio™, designed and priced to meet the needs of midsized businesses. Reliable and easy to manage, Express models/configurations vary by country.

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## IBM IntelliStation Z Pro at a glance

<b>Form factor</b>	Tower/5U
<b>Processor</b>	Up to two Dual-Core Intel® Xeon® Processors up to 3.0 GHz and up to 1333 MHz front-side bus
<b>Cache (max)</b>	Up to 4MB L2
<b>Core logic</b>	Intel ESB2M chipset; 1333 MHz system bus
<b>Memory<sup>2</sup> (std/max)</b>	4GB/32GB DDR II Fully Buffered DIMM 667 MHz via 8 DIMM slots
<b>Available graphics</b>	NVIDIA NVS 285; NVIDIA FX 550; NVIDIA FX 1500; NVIDIA FX 3500; NVIDIA FX 4500
<b>S.M.A.R.T.<sup>3</sup> hard disk drives<sup>4</sup></b>	SATA: 80GB/7,200rpm; up to 250GB/7,200rpm (optional) Ultra320 SCSI: 73.4GB/10,000rpm (15,000rpm optional); 300GB/10,000rpm (optional)
<b>Controllers</b>	Integrated SAS and SATA
<b>Slots (total/open)</b>	5/4: 2x PCI-Express x8 or x16; 2 PCI-X and 1 PCI
<b>Bays (total/open)</b>	6 bays (2/1) 5.25" external, (4/3) 3.5" external
<b>Operating systems supported</b>	Red Hat Enterprise Linux® (64-bit), Microsoft® Windows® XP Professional (32-bit) and XP Pro x64 edition
<b>Supported applications</b>	Visit <a href="http://ibm.com/servers/intellistation/pro/isv/index.html">ibm.com/servers/intellistation/pro/isv/index.html</a> for the list of engineering, electronic design automation, digital media, geophysical and life science applications.
<b>Rack mounting</b>	Rack kit (39Y9707)

## For more information

### World Wide Web

U.S.	<a href="http://ibm.com/intellistation">ibm.com/intellistation</a>
Canada	<a href="http://ibm.com/ca/intellistation">ibm.com/ca/intellistation</a>

<sup>1</sup> Customer is responsible for evaluation, selection and implementation of security features, administrative procedures and appropriate controls in application systems and communications facilities.

<sup>2</sup> Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives and/or memory and the population of all hard disk bays and memory slots with the largest currently supported drives available. When referring to variable speed CD-ROMs, CD-Rs, CD-RWs and DVDs, actual playback speed will vary and is often less than the maximum possible.

<sup>3</sup> Self-Monitoring, Analysis and Reporting Technology.

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



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