IBM IntelliStation Z Pro

Robust graphics workstation for compute-intensive applications

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. 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

**Form factor**  
Tower/5U

**Processor**  
Up to two Dual-Core Intel® Xeon® Processors up to 3.0 GHz and up to 1333 MHz front-side bus

**Cache (max)**  
Up to 4MB L2

**Core logic**  
Intel ESB2M chipset; 1333 MHz system bus

**Memory² (std/max)**  
4GB/32GB DDR II Fully Buffered DIMM 667 MHz via 8 DIMM slots

**Available graphics**  
NVIDIA NVS 285; NVIDIA FX 550; NVIDIA FX 1500; NVIDIA FX 3500; NVIDIA FX 4500

**S.M.A.R.T.³ hard disk drives⁴**  
SATA: 80GB/7,200rpm; up to 250GB/7,200rpm (optional)  
Ultra320 SCSI: 73.4GB/10,000rpm (15,000rpm optional); 300GB/10,000rpm (optional)

**Controllers**  
Integrated SAS and SATA

**Slots (total/open)**  
5/4: 2x PCI-Express x8 or x16; 2 PCI-X and 1 PCI

**Bays (total/open)**  
6 bays (2/1) 5.25" external, (4/3) 3.5" external

**Operating systems supported**  
Red Hat Enterprise Linux® (64-bit), Microsoft® Windows® XP Professional (32-bit) and XP Pro x64 edition

**Supported applications**  
Visit ibm.com/servers/intellistation/pro/slv/index.html for the list of engineering, electronic design automation, digital media, geophysical and life science applications.

**Rack mounting**  
Rack kit (39Y9707)

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

2 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.

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.