Affordable workstation power

IBM IntelliStation E Pro 6836 & 6846

Highlights

- More choice: new expandable, rack-mountable mini-tower or compact desktop design
- Application power: up to 1.0GHz of processing power and up to 1.5GB of SDRAM ECC memory
- Performance 2D: Matrox G450 adapter, 16MB DDR SDRAM, dual display support
- Advanced 3D: NVIDIA GeForce2 MX
- Windows 2000 Professional preloaded, recoverable to Windows NT

Affordable power

Power, choice, and value are at the heart of the new IntelliStation E Pro workstation...delivering workstation productivity at an outstanding low price.

Start with an Intel® Pentium® III processor devouring data at up to 1.0GHz. Then tailor your view with graphics solutions from Matrox and NVIDIA, both price/performance leaders in critical visualisation.

For fast I/O and huge disk capacity, choose the economy of ATA/100 EIDE hard disk drives or the SCSI performance of Ultra 160 storage. The IntelliStation E Pro workstation uses fast, cost-effective SDRAM so memory upgrades can cost less.

Count on IBM for comprehensive customer support, including a three-year on-site, parts and labour warranty. In addition to IBM Web-based support sites, only IBM has the “Ask Engineering” response team online every business day to answer your questions.

If you think “expensive” when you think “workstation,” think again. New processing power, an expandable chassis option and new lower pricing make this IntelliStation E Pro workstation an ideal, affordable choice. For today and tomorrow.

go to ibm.com/pc/europe/buyibm to buy direct or to locate an IBM reseller.
## IBM IntelliStation E Pro 6836 & 6846 technical specifications

<table>
<thead>
<tr>
<th>Processor</th>
<th>800, 866, 933MHz or 1GHz (or Intel Pentium III processor)</th>
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</thead>
<tbody>
<tr>
<td>Cache</td>
<td>256KB full-speed on-board L2 cache</td>
</tr>
<tr>
<td>Core logic</td>
<td>VIA VT6649x core chipset with 133MHz front-side bus</td>
</tr>
<tr>
<td>Memory (std/max)</td>
<td>64, 128 or 256MB ECC SDRAM, upgradable to 1.5GB (3 slots)</td>
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</table>
| Graphics engines | **Performance 2D**: Matrox G450, 4X AGP adapter with 16MB, dual display capable  
**Advanced 3D**: NVIDIA GeForce2 MX, 4X AGP adapter with 32MB, integrated geometry and raster engine. |
| S.M.A.R.T. hard disk drives | ATA/100: 15GB/7200rpm  
Ultra 160 SCSI: 91GB/7200rpm |
| Controllers | ATA/66 integrated; Ultra 160 SCSI adapter (PCI) in SCSI models |
| Form factor | 6836 models: 4 slot x 4 bay, mini tower  
6846 models: 6 slot x 7 bay, expandable, rack-mountable mini tower |
| Slot configuration | 6836 models: (1) AGP (3) PCI  
6846 models: (1) 4X AGP Pro, (5) PCI |
| Bay configuration | 6836 models: (1) 3.5" internal, (2) 5.25" external  
6846 models: (3) 3.5" internal, (2) 5.25" external, (2) 5.25" external |
| Operating system | Windows® 2000 preloaded, recoverable to Windows NT™ 4.0, Service Pack 6.0a |
| Network interface | Integrated Intel 10/100 Ethernet adapter card with Wake on LAN® |
| CD-ROM | 48X-20X² |
| Dimensions (wxdxh) | 6836 models: 425mm x 425mm x 140mm  
6846 models: 655mm x 508mm x 470mm |
| Weight (min/max) | 6836 models: 10.46kg / 11.36kg  
6846 models: 16.37 / 19.10kg |
| Audio | AC-97, microphone line in/line out, internal speaker |
| Input devices | 105 key Euro keyboard and IBM three-button mouse |
| Universal Manageability | Visit ibm.com/pc/us/intellistation/benefit for the latest information on Universal Manageability tools. |
| Options | IBM Monitors: IBM G96 19" / 17.9" VIS (494ANxx); P260 21" / 19.8" VIS (5263Nxx):  
IBM floppy drive: 8X/4X/14-32X CD-ReWriteable Internal IDE Drive (33L5020)  
IBM Hard Disk Drive 30GB (7200rpm) ATA/100 EIDE (00N8203); IBM 6X/4X/32X CD-Recordable Internal IIDE Drive (33L5020)  
For a complete list of compatible options visit ibm.com/options |
| Supported applications | See ibm.com/pc/us/solutions/intellistation for the latest list of creative, engineering and financial applications. |
| Standards supported | FCC Part 15, Class A; UL 1950 First Edition, CSA c22.2 No. 950; ISO 9241 capable; ANSI S1210 |
| Need more information? | ibm.com/pc/europe/intellistation, ibm.com/pc/europe/pcinstitute |

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