

Intel Architecture Workstations

August 1996

Agenda

- **Intel Architecture Workstations**
 - Performance
 - OEM Systems & Applications
- **Benefits to IT & End Users**
 - Unified Desktop
- **Summary**

INTEL'S PENTIUM PRO TO CREATE RISC HAVOC

LAUNCH OF HIGH-END PROCESSOR

By
Fred Gardner

BRINGS NEW LEVEL OF COMPETITION

IF THERE EVER WAS ONE, the party for RISC processor architecture vendors may certainly be over now.

Intel's recent launch of its high-end Pentium Pro processor has sub-

stantiated and brought computer chairman Corp. Di racked service tion to a major RISC Pal Digital ing he said, "it incre chitect WH format Alpha—which will move to speeds in excess of 400MHz next year while the Pentium Pro moves to

Andrew Allison, publisher of *Inside the New Computer Industry*, Carmel, Calif., said that Pentium Pro's performance puts extreme pressure on Unix vendors. Silicon Graphics Inc. and Sun Microsystems Computer Corp. both based

"Unix is dead as a client operating system, but it will take a while to fade away, and that is what is going to happen to

DIGITAL CHAIRMAN PALMER ADVISED STOCKHOLDERS THAT ALTHOUGH THE PENTIUM PRO HAS GREATLY INTENSIFIED COMPETITION IN RISC ENVIRONMENTS, INTEL PROBABLY FACES A MAJOR CHALLENGE TO PROCEED TO THE SEVENTH GENERATION OF PROCESSORS.



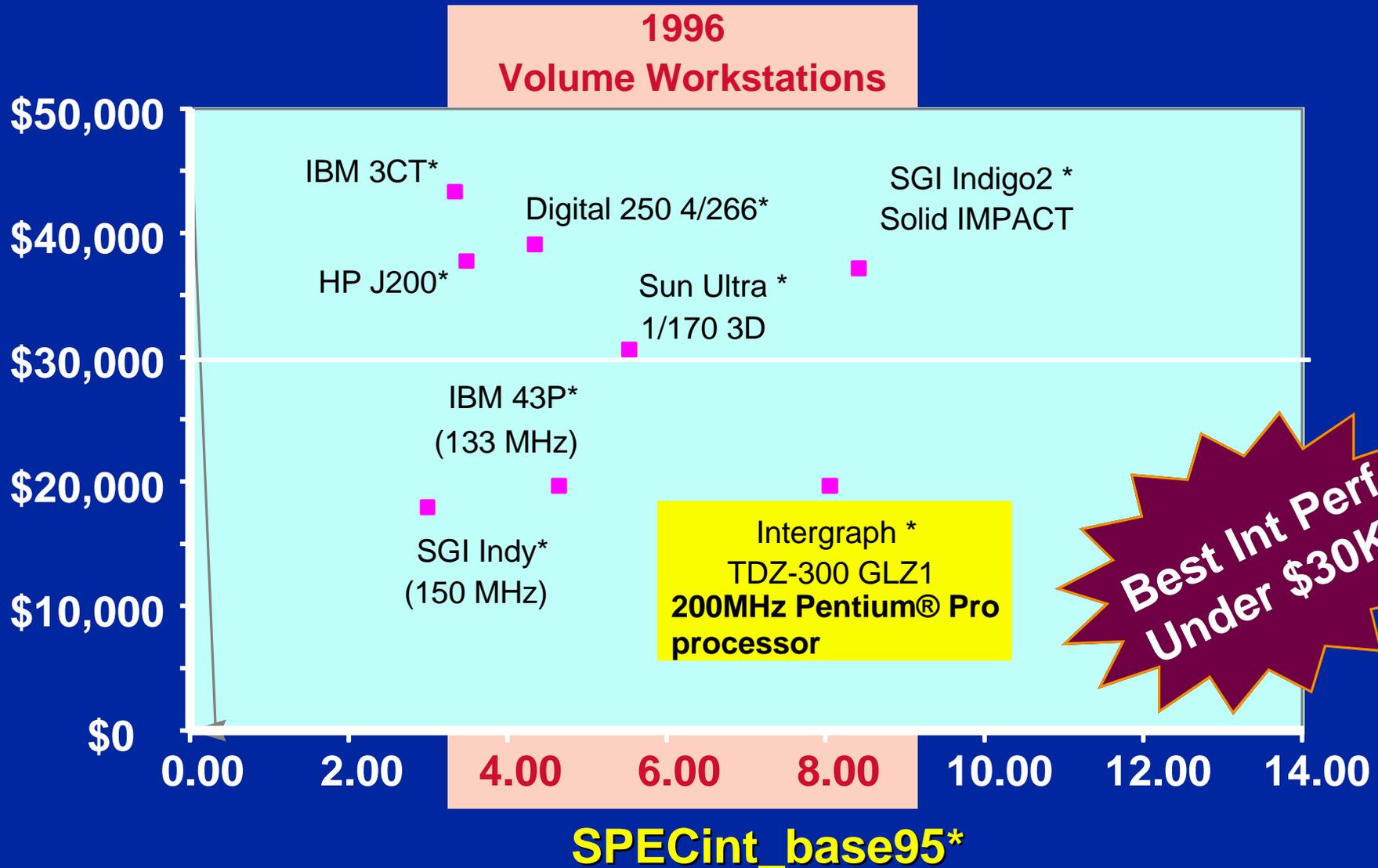
"The Pentium® Pro (processor) will make it increasingly difficult for RISC architectures to compete with Intel. Intel surprised other RISC vendors with how much performance the Pentium Pro (processor) has."

Robert Palmer, CEO
Digital Equipment Corporation
1995 Digital stockholders meeting

squeeze is on," he said.

year, Digital officials said.

Integer Performance



**Best Int Perf.
Under \$30K**

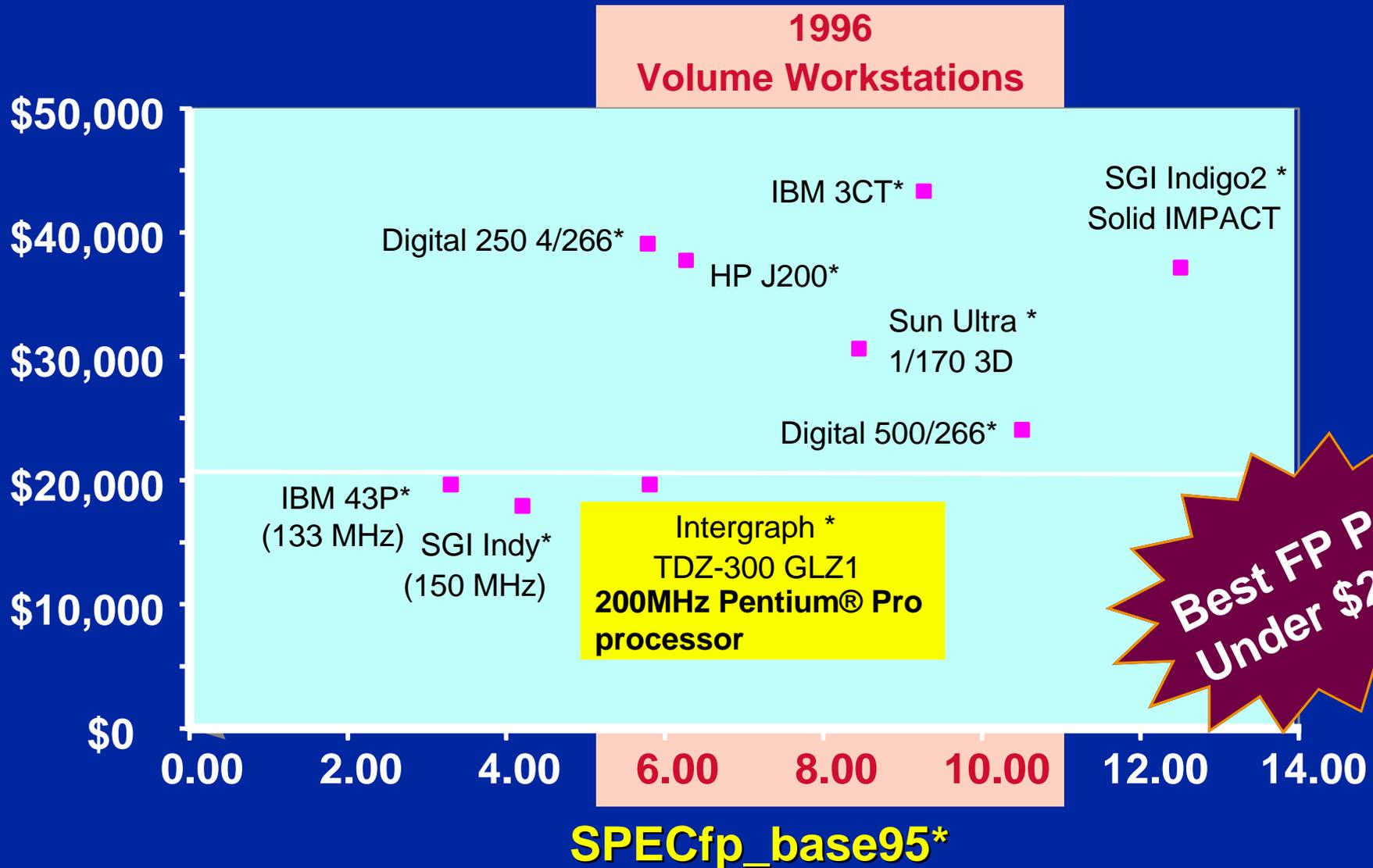
Configurations: 128MB DRAM, 2GB disk, 200K triangles/sec., 21" monitor



Source: Intel, Dataquest, SPEC reports, vendor press releases (as of 3/14/96)

* Other brands and names are the property of their respective owners

Floating Point Performance



**Best FP Perf.
Under \$20K**

Configurations: 128MB DRAM, 2GB disk, 200K triangles/sec., 21" monitor

Source: Intel, Dataquest, SPEC reports, vendor press releases (as of 3/14/96)

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Graphics Performance

“Intergraph has decided to compete with SGI for a share of the graphic workstation marketplace... With the TDZ series, Intergraph offers high-performance graphic workstations with features not found on most SGI models, at a price point that approaches half of the equivalent SGI system.”

**Lou Wallace
Editor-in-chief**

DV (Digital Video magazine), December 1995 issue

Brands Available NOW

Manufacturer

- Digital Equipment Corporation
- Hewlett Packard
- Intergraph
- NeTpower
- AST Computer
- Tristar Computer

Applications -- Mechanical Engineering

- Name brand apps now available on Intel Architecture:

Pro/ENGINEER*
SolidWorks*
AutoCAD*

SolidEdge*
Prelude DESIGN*
IDEAS*

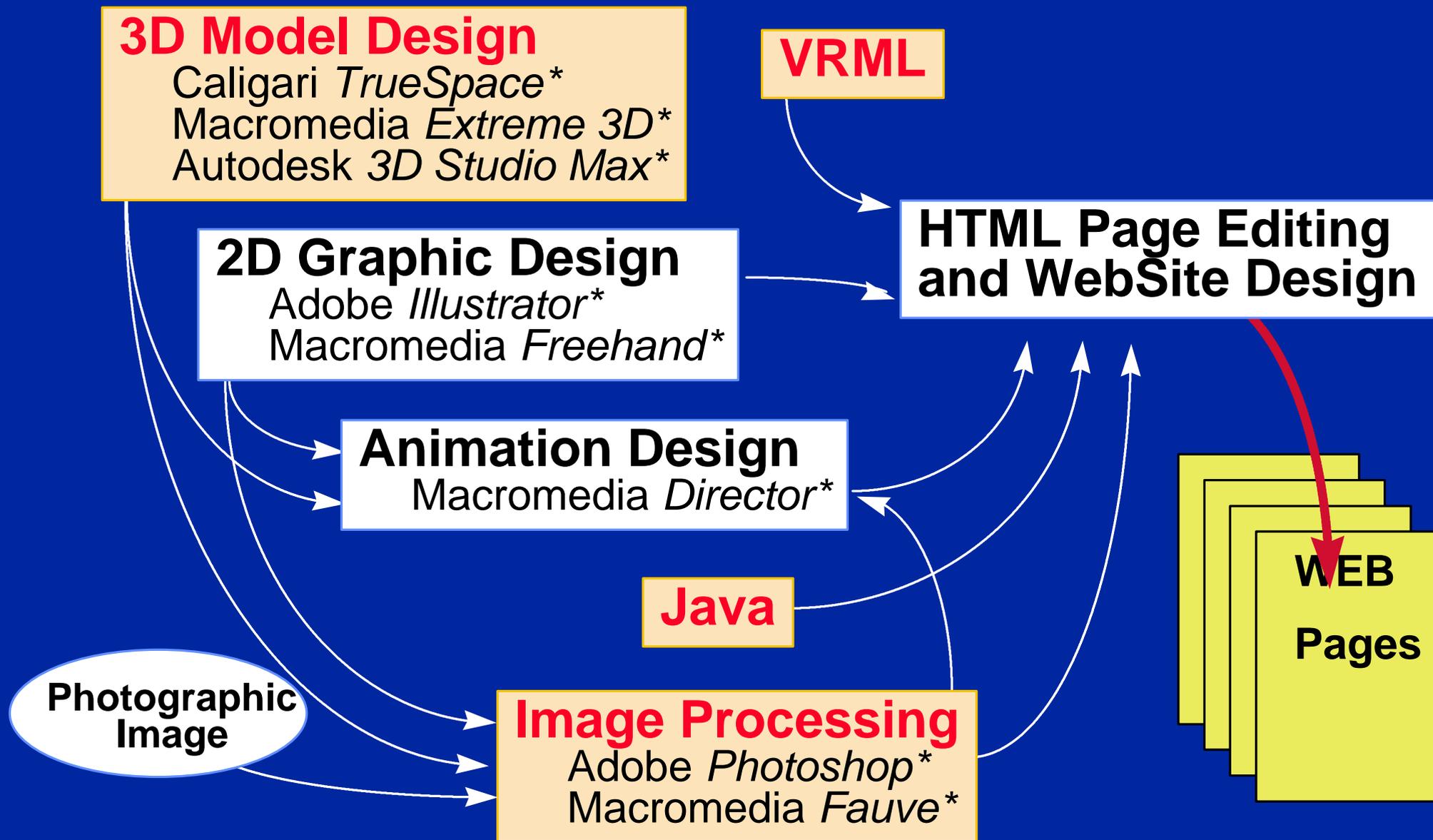
Ansys*
MSC/Nastran*

MCAD: 3D modeling

MDA: analysis

Digital Content Creation

Some apps available on Intel Architecture:



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Problem

Technical
Applications



Personal
Productivity
Applications



Solution: Unified Desktop

- Object Linking and Embedding
- Native performance for all apps
- Consistent, familiar interface
- Eliminates costs in supporting 2 architectures
- Increases productivity



Summary

- **Intel Architecture workstations deliver industrial strength performance**
- **Hardware and software products are available NOW**
- **Intel Architecture workstations provide a unified desktop, resulting in lower costs and higher productivity**

The Next Wave in Business Computing

