Procesorji Intel Itanium

Gonilna sila jutrišnjega dne

Prednosti Nove Tehnologije

- 64-bitna arhitektura (IA-64 standard)
- zamenjava IA-32 standarda

Prednosti Nove Tehnologije

- 64-bitni registri
- več registrov in mest za shranjevanje trenutnih rezultatov kalkulacij

Prednosti Nove Tehnologije

- Frekvence 733 mhz-800 mhz
- Zmanjševanje pregrevanja in porabe energije
- 0.18 mikronska tehnologija
- Socket M podnožje za večje prenose

Prednosti Nove Tehnologije

- 4 FPSR, ki so 64-bitni
- 4 različna računska okolja

Prednosti Nove Tehnologije

- Kompatibilnost z IA-32 standardom
- Strojna emulacija
- Počasnejši kot pri 64-bitnih programih

Prednosti Nove Tehnologije

- Povečan ILP
- Jasno predvidene paralelne operacije

Prednosti Nove Tehnologije

- Povečana vodljivost vej (branch handling)
- Večja kontrola nad opravili

Prednosti Nove Tehnologije

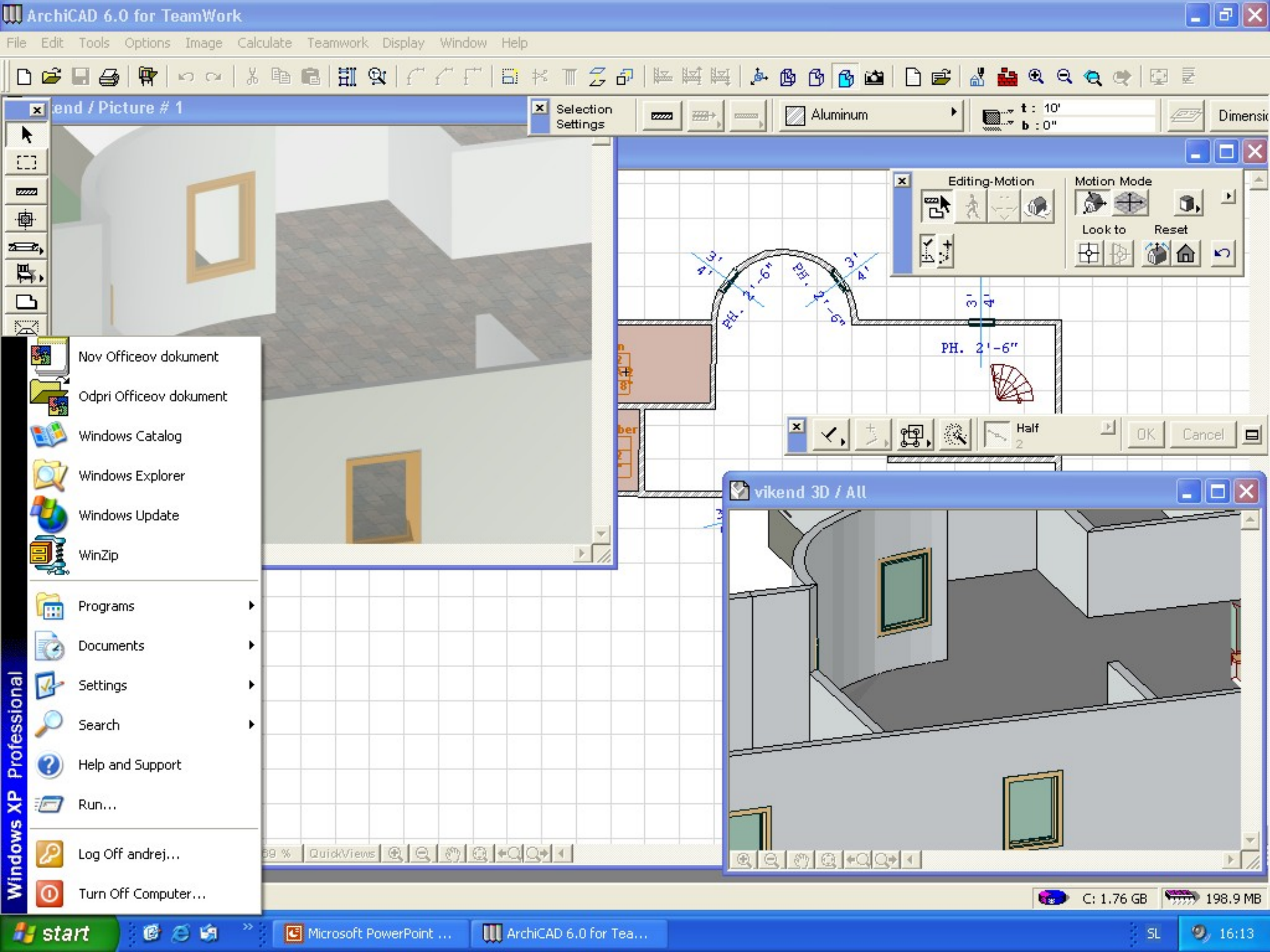
- Podpora modularni kodi
- Večja samostojnost vgrajenega prevajalnika

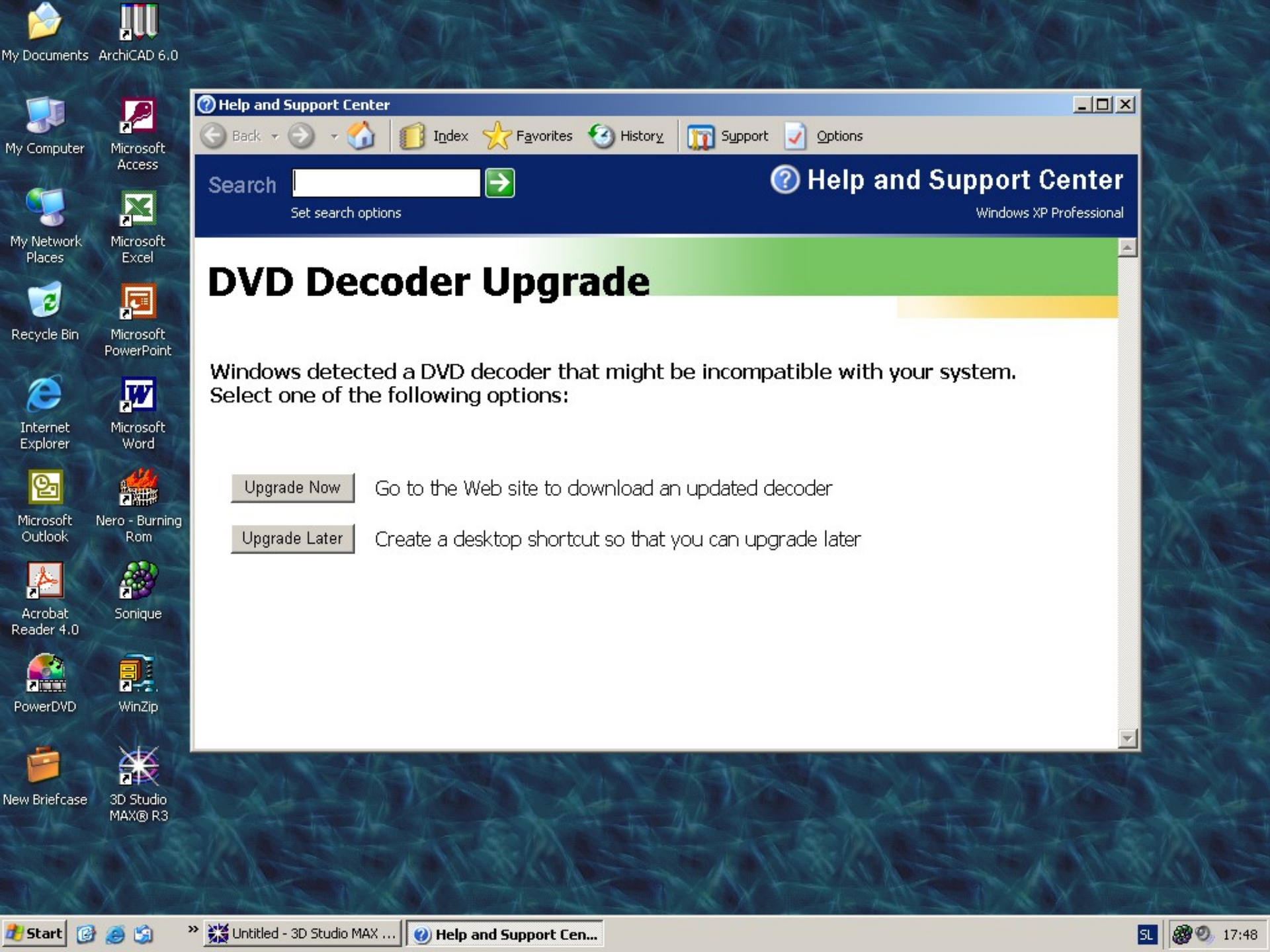
Večji predpomnilniki

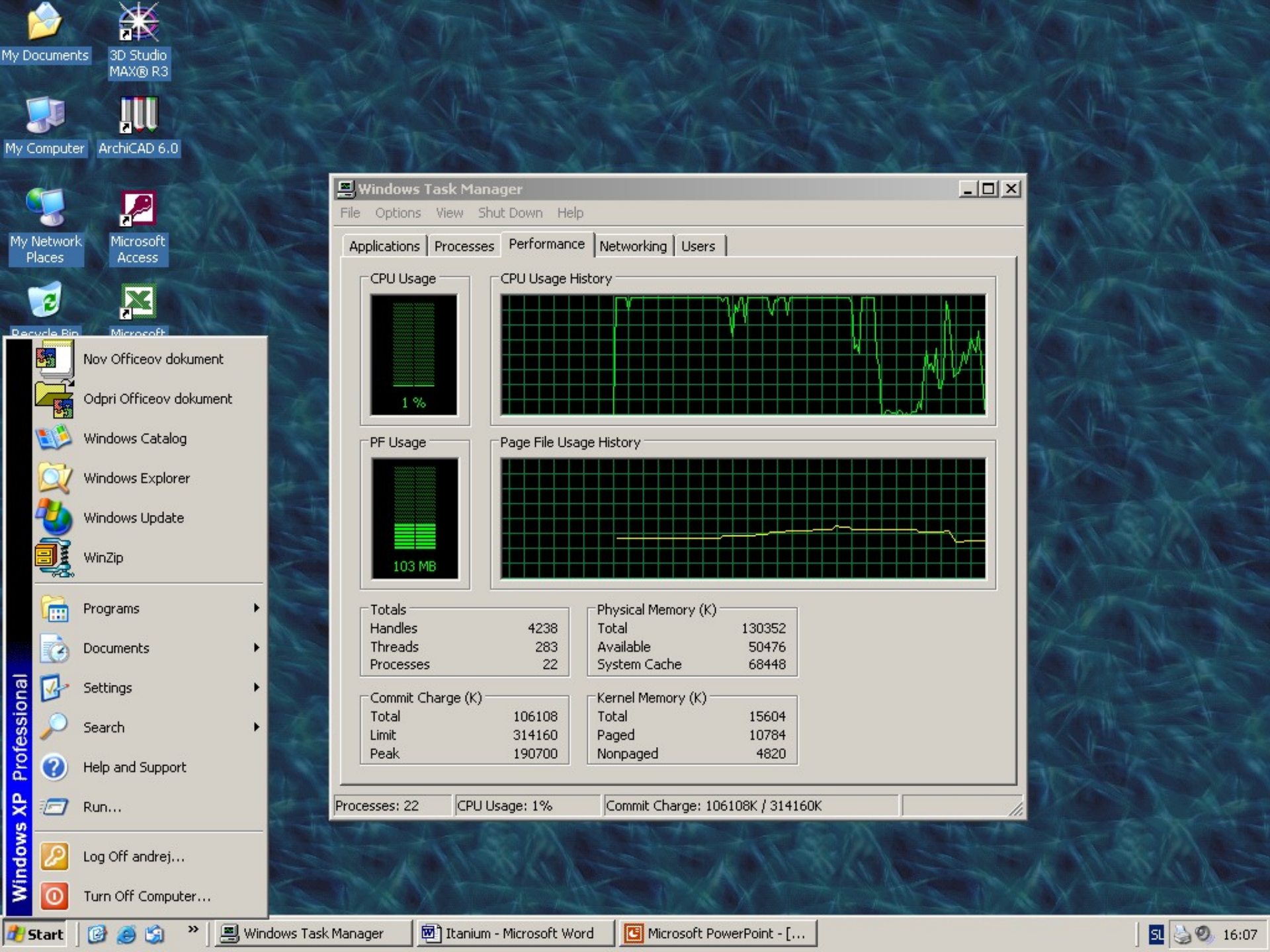
- Predpomnlik razdeljen na 4 dele
- L1 64 Kb 32K podatki/32K inštrukcije
- L2 96 Kb štiripasovna komunikacija z L3
- L3 2/4 Mb zmanjšanje prometa po glavnem vodilu
- L4 4Mb

Novi OS in prevajanje ostalih programov

- Windows Xp
- Prevajanje jedra
- Linux, Unix, Novell
- 64 bitna razvojna okolja


ArchiCAD 6.0 for TeamWork
File Edit Tools Options Image Calculate Teamwork Display Window Help
end / Picture # 1
Selection Settings
Aluminum
t : 10'
b : 0"
Editing-Motion
Motion Mode
Look to
Reset
PH. 2'-6"
Half
OK
Cancel
vikend 3D / All
Nov Officeov dokument
Odpri Officeov dokument
Windows Catalog
Windows Explorer
Windows Update
WinZip
Programs
Documents
Settings
Search
Help and Support
Run...
Log Off andrej...
Turn Off Computer...
Windows XP Professional
C: 1.76 GB
198.9 MB
start
Microsoft PowerPoint ...
ArchiCAD 6.0 for Tea...
SL
16:13


My Documents
ArchiCAD 6.0
My Computer
Microsoft Access
My Network Places
Microsoft Excel
Recycle Bin
Microsoft PowerPoint
Internet Explorer
Microsoft Word
Microsoft Outlook
Nero - Burning Rom
Acrobat Reader 4.0
Sonique
PowerDVD
WinZip
New Briefcase
3D Studio MAX® R3
Help and Support Center
Back
Index
Favorites
History
Support
Options
Search
Set search options
Help and Support Center
Windows XP Professional
DVD Decoder Upgrade
Windows detected a DVD decoder that might be incompatible with your system.
Select one of the following options:
Upgrade Now
Go to the Web site to download an updated decoder
Upgrade Later
Create a desktop shortcut so that you can upgrade later
Start
Untitled - 3D Studio MAX ...
Help and Support Cen...
SL
17:48


My Documents
3D Studio MAX® R3
My Computer
ArchiCAD 6.0
My Network Places
Microsoft Access
Recycle Bin
Microsoft
Windows Task Manager
File Options View Shut Down Help
Applications Processes Performance Networking Users
CPU Usage
1 %
CPU Usage History
PF Usage
103 MB
Page File Usage History
Totals
Handles 4238
Threads 283
Processes 22
Physical Memory (K)
Total 130352
Available 50476
System Cache 68448
Commit Charge (K)
Total 106108
Limit 314160
Peak 190700
Kernel Memory (K)
Total 15604
Paged 10784
Nonpaged 4820
Processes: 22
CPU Usage: 1%
Commit Charge: 106108K / 314160K
Nov Officeov dokument
Odpri Officeov dokument
Windows Catalog
Windows Explorer
Windows Update
WinZip
Programs
Documents
Settings
Search
Help and Support
Run...
Log Off andrej...
Turn Off Computer...
Windows XP Professional
Start
Windows Task Manager
Itanium - Microsoft Word
Microsoft PowerPoint - [...
SL
16:07