



# Introducing Kaasimir

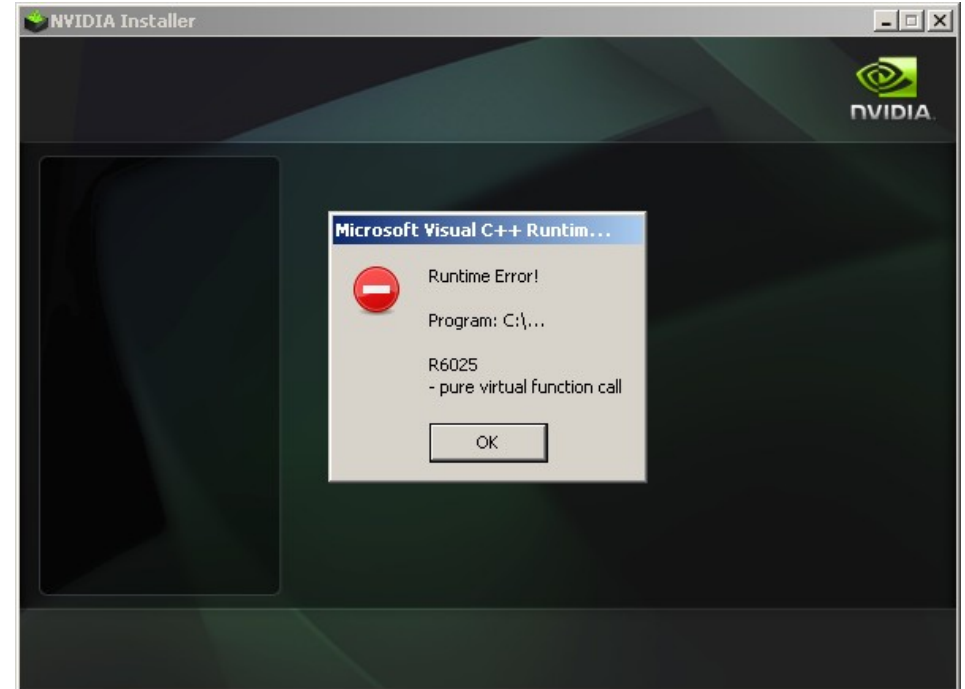
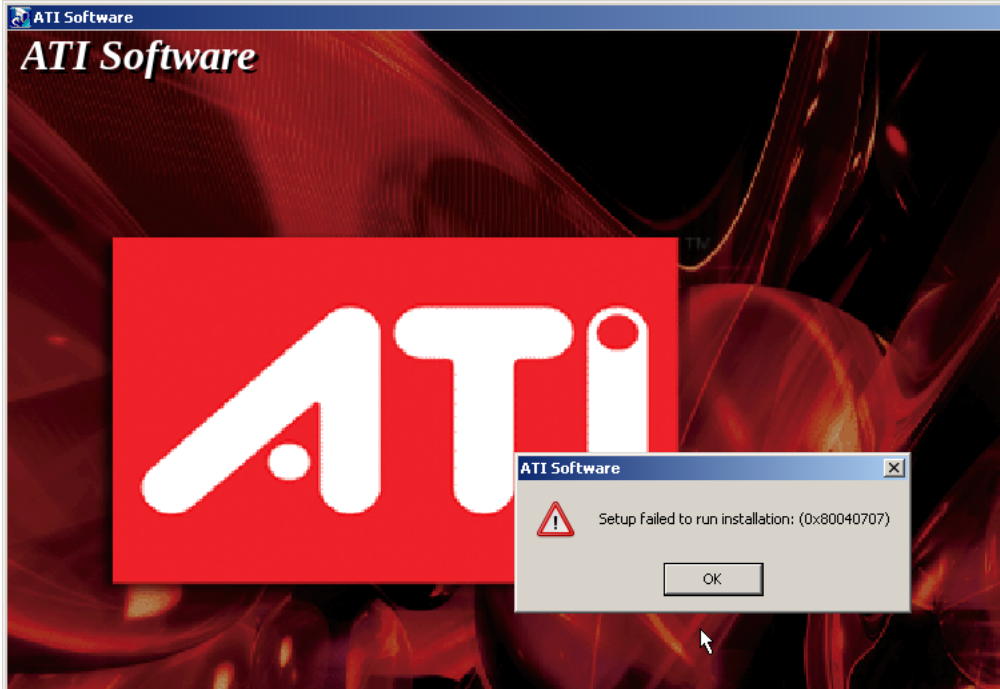
GPU Testing Made Simple

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# The Problem



# The Problem

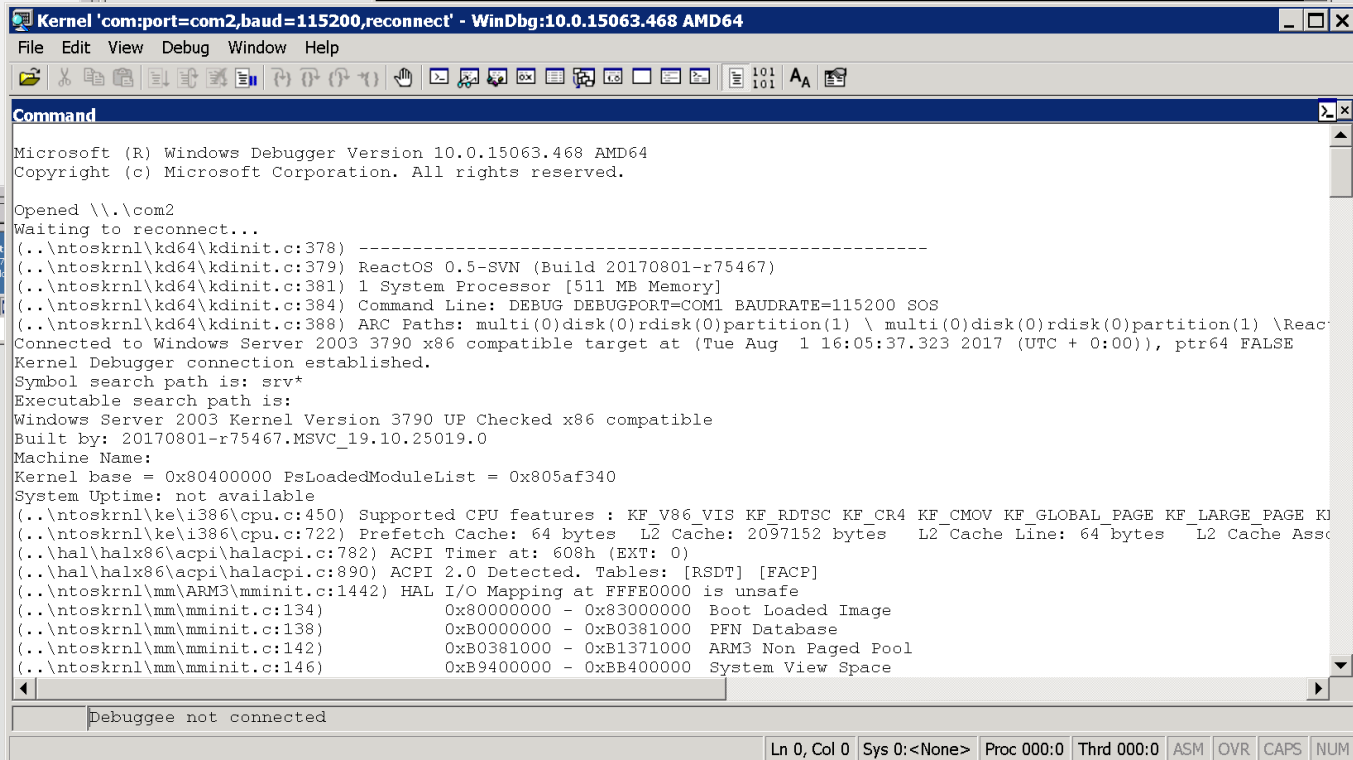
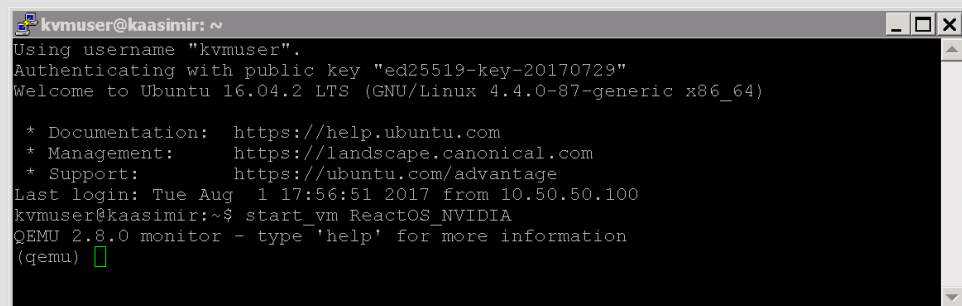
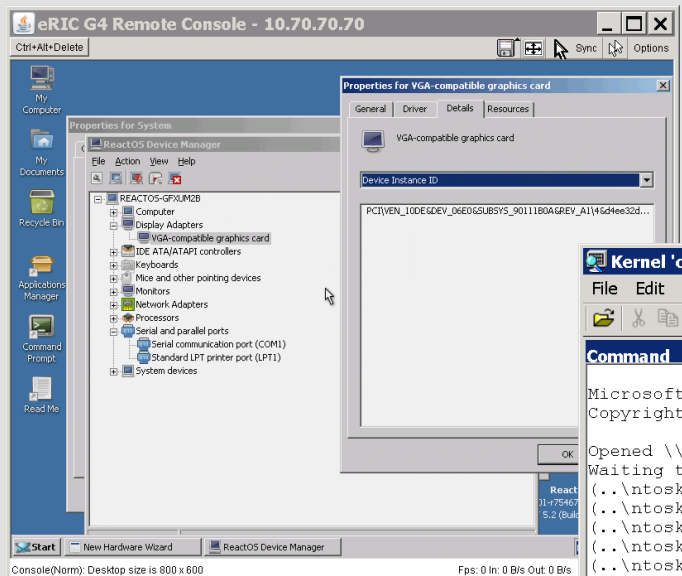
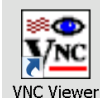
- Major GPU Drivers still don't work under ReactOS
- Testing them on Real Hardware is tedious, and requires hardware
- If there only was a way to debug this like a VM...



# The Solution



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eRIC G4 Remote Console - 10.70.70.70

Ctrl+Alt+Delete

My Computer

Recycle Bin

NVIDIA GeForce 9300 GE Properties

General

NVIDIA GeForce 9300 GE

Display adapters

NVIDIA

PCI bus 1, device 0, function 0

ing properly.

problems with this device, click Troubleshoot to

troubleshoot.

Troubleshoot...

OK

Cancel

DirectX Diagnostic Tool

System

DirectX Files

Display

Sound

Input

Network

More Help

Device

Name: NVIDIA GeForce 9300 GE

Manufacturer: NVIDIA

Chip Type: GeForce 9300 GE

DAC Type: Integrated RAMDAC

Approx. Total Memory: 256.0 MB

Current Display Mode: 1024 x 768 (32 bit) (60Hz)

Monitor: Default Monitor

Drivers

Main Driver: nv4\_disp.dll

Version: 6.14.0013.2101 (English)

Date: 7/27/2017 11:19:06

WHQL Logo'd: n/a

Mini VDD: nv4\_mini.sys

VDD: n/a

DDI Version: 9 (or higher)

DirectX Features

DirectDraw Acceleration: Enabled

Disable

Test DirectDraw

Direct3D Acceleration: Enabled

Disable

Test Direct3D

AGP Texture Acceleration: Enabled

Disable

Notes

- No problems found.
- To test DirectDraw functionality, click the "Test DirectDraw" button above.
- To test Direct3D functionality, click the "Test Direct3D" button above.

Help

Next Page

Save All Information...

Exit

Start

Device Manager

DirectX Diagnostic Tool

Console(Norm): Desktop size is 1,024 x 768


Fps: 0 In: 0 B/s Out: 0 B/s

4:38 PM

eRIC G4 Remote Console - 10.70.70....

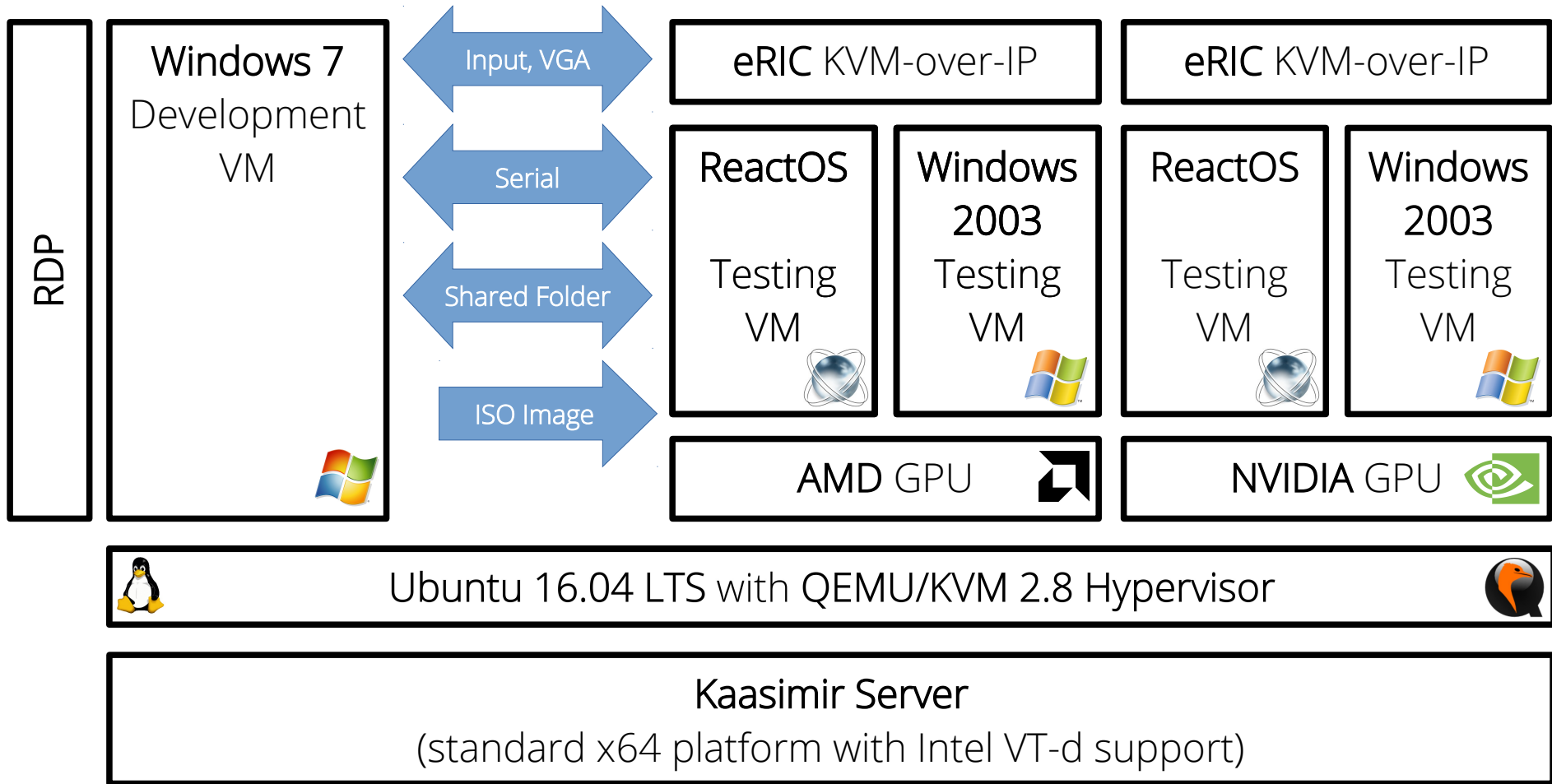
Ctrl+Alt+Delete

640 x 480, 60 Hz: Please press the Auto-Adjust button!



Console(Norm): Desktop size is 640 x 480

Fps: 3 In: 122 KB/s Out: 34 B/s



Finally an answer to the question  
why you ever need 7 expansion slots ;-)





# Other Use Cases

- Testing any PCIe card under ReactOS (e.g. USB 3.0)
- When you just quickly need a fast build machine or Windows VMs for testing



# Cool! So where can I find it?

- Hosted privately by myself
- Developers and Testers can request an account
- You can even turn it on and off on demand



# Thank you for your attention!

Questions?



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# Demonstration



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