

## vtAlpha 2.7 Host Platform Compatibility List

This document provides a list of all hardware systems and components that are supported by the most recent version of vtAlpha.

When your hardware platform of choice is not reflected in this list it does not necessarily mean that it will not work, we may just (yet) be unaware of it. Help keep this list up-to-date by informing us ([support@avtware.com](mailto:support@avtware.com))

AVTware cannot be held responsible for the fact that unverified products may prove not to work in practice, or that support has been dropped by the manufacturer of such product.

Please note that when running a Virtual Machine Hypervisor on top of any of the specified hardware components this changes the situation. We refer to the Virtual Machine section at the end of this document for supported VM's.

### Systems

#### Asus Server Platforms

RS120-E3/PA4

#### Dell Server Platforms

PowerEdge Blade, Rackmount and Tower models:

#### HP Server Platforms (G6 and newer recommended)

Proliant BL280c

Proliant BL2x220c

Proliant BL460c

Proliant BL465c

Proliant BL490c

Proliant BL620c

Proliant BL680c

Proliant BL685c

Proliant DL320

Proliant DL360

Proliant DL370

Proliant DL380

Proliant DL385

Proliant DL580

Proliant DL585

Proliant ML350

Proliant ML370

Note: depending on the adapter(s) that will be added to the system, it may be required to do a post-installation of the Proliant Support Package which is available from the HP website. Normally this is not required.

#### SuperMicro Server Platforms

SuperServer 6024H-TR

#### Tyan Server Platforms

Transport GT20/PX22 B2865

### Processors

Intel Xeon models 5500, 5600

Intel Xeon E3, E5 and E7

Intel i5

Intel i7 (2<sup>nd</sup> Generation)

AMD Phenom II

AMD Opteron 4000, 6000

For all processors the following rule applies: ***the higher the frequency, the better the vtAlpha performance.***

## Ethernet adapters (Wired)

### **3COM**

3c905  
3c940  
3c996  
3c980

### **Broadcom**

BCM5701  
BCM5708  
BCM5721  
BCM5787

### **D-Link**

DFE-528TX  
DFE-530TX  
DFE-538TX

### **Intel**

E1000  
Pro/100  
Pro/1000  
82541GI/PI  
82546EB  
82566D  
82573L

### **Realtek**

RTL8139  
RTL-8168  
RTL8169

## Ethernet adapters (Wireless)

### **Broadcom**

BCM4310  
BCM4312  
BCM4318  
BCM4328  
BCM4329  
BCM94311

### **Intel**

PRO/Wireless 2100  
PRO/Wireless 2200  
PRO/Wireless 2915  
PRO/Wireless 3945  
Wireless WiFi Link 4965  
Wireless WiFi Link 5300

### **Realtek**

8180  
8185  
8187  
8192

## Graphic adapters

### ASUS

EAX550  
EAH4350  
EAH5450  
EAH5670

### ATI

Radeon RV100  
Radeon HD2400  
Radeon HD3200  
Radeon HD3650  
Radeon HD4200  
Radeon HD4290  
Radeon HD5145  
Radeon 7000  
Radeon HD 4250  
Radeon 9250  
ATI Rage XL

### Intel

HD2000  
HD3000  
4500MHD  
850GM  
965GM

### Matrox

G550  
P650

### Nvidia

GeForce GT220  
GeForce GTX260  
GeForce GT440  
GeForce 2 MX/MX400  
GeForce 2 GTS Pro  
GeForce 3  
GeForce 4 420 Go  
GeForce 4 MX-440  
GeForce MX4000  
GeForce 4 TI4600  
GeForce FX5200, FX5500, FX5700, FX5900  
GeForce 6100, 6150, 6200, 6600, 6800  
GeForce 7150, 7200, 7300, 7600, 7800,7950  
GeForce 8300, 8400, 8500, 8600,8800  
GeForce 9200, 9300, 9600, 9800  
Quadro NVS 440  
Quadro NVS 295  
Quadro FX350  
Quadro FX1500

### VIA

KM400

Note 1: vtAlpha does not include support for a virtual Graphics adapter. All graphical functionality can be supported by using commercial-of-the-shelve X-Windows emulators.

Note 2: vtAlpha itself does not require graphics support for the host it is installed upon. The graphical management console is web browser based and can be run from any desktop connected to the network.

## Storage adapters

### Adaptec

AIC-7899P  
2020SA  
2410SA  
29160  
29320

### Emulex (FibreChannel)

All

### HP

HP 412911

### Intel

82801ER (ICH5R) SATA

### Qlogic (FibreChannel)

All

### Promise

PDC20318  
R20378

## Virtual Machines

### Hyper-V

Yes <sup>\*)</sup>

### KVM

Yes

### VMware

Player  
Server  
Workstation  
ESX 3.5 and 4.0 <sup>\*)</sup>  
ESX 4.1 and newer

### Xen

ESX 4.

Note: for all Virtual Machine hosts the following guidelines should be observed:

1. Ensure you have sufficient memory allocated. Most Virtual Machines default on 384 MB. Please allocate at least 1.5 GB + amount of virtual Alpha memory.
2. Ensure your network adapters are under full control (promiscuous mode is enabled) of the vtAlpha installation, otherwise it will not work.

<sup>\*)</sup> These virtual machine version do not support USB devices, use the network option of the vtAlpha license key.

## vtMonitor management console

The graphical User Interface that is packaged with vtAlpha and allows you to manage virtual Alpha configurations as well as the vtAlpha host environment. It is web browser based and can be run from any computer in the network that has access to the vtAlpha host computer (via IP- or DNS-address).

Supported browsers (use recent versions):

### Firefox

### Internet Explorer

### Safari

### Google Chrome