

BeTwin VS x32 Host's and Stations' VGA Combination Tested

Rev. 1.8

Notes:

1. For BeTwin VS x32 to work correctly, Windows Vista Multi-Monitor feature needs to work correctly first
2. Please refer to <http://www.microsoft.com/whdc/device/display/multimonVista.mspx> regarding Windows Vista Multi-Monitor support requirements.

A. Windows Vista WDDM VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Supported
ATI Radeon HD 4350 or HD 2600 PRO PCI-E	ATI Windows Vista driver 8.753.0.0	ATI Radeon HD 4350 or HD 2600 PRO PCI-E	ATI Windows Vista driver 8.753.0.0	Yes
ATI Radeon X700/X1800 PCI-E	Windows Vista built-in WDDM driver 7.14.10.830	ATI Radeon X300 PCI-E	Windows Vista built-in WDDM driver 7.14.10.830	Yes
ATI Radeon X300/X1800 PCI-E	Windows Vista built-in WDDM driver 7.14.10.830	ATI Radeon X700 PCI-E	Windows Vista built-in WDDM driver 7.14.10.830	Yes
ATI Radeon X300/X700/X1800 PCI-E	ATI Windows Vista driver 8.31.100.321	ATI Radeon X1550 PCI/ PCI-E (Vendor: HIS)	ATI Windows Vista driver 8.31.100.321	Yes
nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows Vista driver 266.58	nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows Vista driver 266.58	Yes
nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-E	nVidia Windows Vista driver 8.17.11.9562	nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-E	nVidia Windows Vista driver 8.17.11.9562	Yes
nVidia GeForce 7100GS/Quadro NVS280 PCI-E	Windows Vista built-in WDDM driver 7.14.10.9686	nVidia GeForce 660GT PCI-E	Windows Vista built-in WDDM driver 7.14.10.9686	Yes
nVidia GeForce 660GT/Quadro NVS280 PCI-E	Windows Vista built-in WDDM driver 7.14.10.9686	nVidia GeForce 7100GS PCI-E	Windows Vista built-in WDDM driver 7.14.10.9686	Yes
ATI Radeon HD 2600 PRO/X1650 PCI-E	ATI Windows Vista driver 8.476.0.0	ATI Radeon X1550 PCI/ PCI-E	ATI Windows Vista driver 8.476.0.0	Yes
ATI Radeon X1650 PCI-E	ATI Windows Vista driver 8.476.0.0	ATI Radeon HD 2600 PRO PCI-E	ATI Windows Vista driver 8.476.0.0	Yes
ATI Radeon HD 2600 PRO PCI-E	ATI Windows Vista driver 8.476.0.0	ATI Radeon X1650 PCI-E	ATI Windows Vista driver 8.476.0.0	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows Vista driver 7.15.11.6925	nVidia GeForce 8600GT PCI-E	nVidia Windows Vista driver 7.15.11.6925	Yes

B. Windows Vista XPDM (or XDDM) VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Supported
ATI Radeon HD 4350 PCI-E	ATI Windows XP driver 8.753.0.0	nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	No
ATI Radeon HD 4350 or HD 2600 PRO PCI-E	ATI Windows XP driver 8.753.0.0	nVidia GeForce GT240/GTS250/9300GE PCI-E	nVidia Windows XP driver 6.14.11.7519	No
nVidia GeForce 9300GE PCI-E	nVidia Windows XP driver 6.14.11.7519	ATI Radeon HD 4350 PCI-E	ATI Windows XP driver 8.753.0.0	No
ATI Radeon X300/X700 PCI-E	ATI Windows XP driver 8.241.0.0	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No
ATI Radeon X300/X700 PCI-E	ATI Windows XP driver 8.241.0.0	nVidia GeForce FX5200/Quadro NVS280 PCI	Windows Vista built-in XDDM driver or nVidia Windows XP driver 83.50	No
nVidia GeForce 6600GT/Quadro NVS280 PCI-E	nVidia Windows XP driver 83.50	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No
nVidia GeForce 6600GT/Quadro NVS280 PCI-E	nVidia Windows XP driver 83.50	nVidia GeForce FX5200/Quadro NVS280 PCI	nVidia Windows XP driver 83.50	No
ATI Radeon 7000/9200/9250/9550 AGP	ATI Windows XP driver 8.241.0.0	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No
ATI Radeon 7000/9200/9250/9550 AGP	ATI Windows XP driver 8.241.0.0	nVidia GeForce FX5200/Quadro NVS280 PCI	Windows Vista built-in XDDM driver or nVidia Windows XP driver 83.50	No
nVidia GeForce MX200/MX400/MX4000/FX5200 AGP	nVidia Windows XP driver 83.50	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No
nVidia GeForce MX200/MX400/MX4000/FX5200 AGP	nVidia Windows XP driver 83.50	nVidia GeForce FX5200/Quadro NVS280 PCI	nVidia Windows XP driver 83.50	No
Intel 82865G	Windows Vista built-in XDDM driver 6.14.10.4656	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No
Intel 82865G	Windows Vista built-in XDDM driver 6.14.10.4656	nVidia GeForce FX5200/Quadro NVS280 PCI	Windows Vista built-in D88t-in XDDM driver or nVidia Windows XP driver 83.50	No

ATI Radeon HD 2600 PRO/X1650 PCI-E	ATI Windows XP driver 8.476.0.0	ATI Radeon X1550 PCI/ PCI-E	ATI Windows XP driver 8.476.0.0	No
ATI Radeon X1650 PCI-E	ATI Windows XP driver 8.476.0.0	ATI Radeon HD 2600 PRO PCI-E	ATI Windows XP driver 8.476.0.0	No
ATI Radeon HD 2600 PRO PCI-E	ATI Windows XP driver 8.476.0.0	ATI Radeon X1650 PCI-E	ATI Windows XP driver 8.476.0.0	No
nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	No
ATI Radeon HD 2600 PRO/X1650 PCI-E	ATI Windows XP driver 8.476.0.0	nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	No
nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	ATI Radeon HD 2600 PRO/X1650 PCI-E	ATI Windows XP driver 8.476.0.0	No
nVidia GeForce 8600GT PCI-E	nVidia Windows XP driver 6.14.11.7519	ThinNetworks TN-502 PCI	ThinNetworks Windows XP driver 6.13.1.18	No

C. USB VGA Support

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
nVidia GeForce GT 240 PCI-E	nVidia Windows Vista driver 257.21	MCT USB VGA (Model UVGA-A8201, Trigger 1+)	10.11.0427.0159 (XDDM driver)	No

D. Dual Head/DualView VGA Card Support

BeTwin VS x32 does not currently support Dual Head/DualView VGA card under Windows Vista when the Dual Head/DualView VGA card is configured:

- i. for the Host (using the primary VGA output of the Dual Head/DualView VGA card) and BeTwin Station (using the secondary VGA output to the Dual Head/DualView VGA card)
- ii. for one BeTwin Station (using the primary VGA output of the Dual Head/DualView VGA card) and another BeTwin Station (using the secondary VGA output to the Dual Head/DualView VGA card)

On the other hand, BeTwin VS does support Dual Head/DualView VGA card when the Dual Head/DualView VGA card is configured for one BeTwin Station only (using either the primary or secondary VGA out of the Dual Head/DualView VGA card and leaving the unused VGA output "disconnected"). In other words, you need to install a separate VGA card for each BeTwin Station.