

BeTwin VS x64 Host's and Stations' VGA Combination Tested

Rev. 1.8

Notes:

1. For BeTwin VS x64 to work correctly, Windows 7 x64 Multi-Monitor feature needs to work correctly first

A. Windows 7 x64 WDDM VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	Yes
ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	Yes
ATi Radeon HD 4350/ 2600 PRO PCI-E	ATi Windows 7 driver 8.753.0.0	ATi Radeon HD 4350/ 2600 PRO PCI-E	ATi Windows 7 driver 8.753.0.0	Yes
ATi Radeon HD 4350 PCI-E	ATi Windows 7 driver 8.753.0.0	nVidia GeForce GT 240/ GTS250 PCI-E	nVidia Windows 7 driver 258.96	Yes
ATi Radeon HD 4350 PCI-E	ATi Windows 7 driver 8.821.0.0	nVidia GeForce GT 240/ GTS 250/ 9300GE PCI-E	nVidia Windows 7 driver 266.58	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce GT 240/ GTS 250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	ATi Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 8600GT PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.15.11.8593	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 6600GT/ 7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce 6600GT/ 7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
ATi Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce GT 240/ GTS 250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
ATi Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes

ATI Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	ATI Radeon HD 6850/ 6670/ 4350 PCI-E	ATI Windows 7 driver 8.930.0.0	Yes
nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	Yes
nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 258.96	ATI Radeon HD 4350 PCI-E	ATI Windows 7 driver 8.753.0.0	Yes
nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows 7 driver 266.58	nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows 7 driver 266.56	Yes
nVidia GeForce 9300GE PCI-E	nVidia Windows 7 driver 266.58	ATI Radeon HD 4350 PCI-E	ATI Windows 7 driver 8.821.0.0	Yes
nVidia GeForce GTS250/GT240/6800GT/6600GT/7100GS PCI-E	nVidia Windows 7 driver 8.17.11.9562	nVidia GeForce GTS250/GT240/6800GT/6600GT/7100GS PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
nVidia GeForce GTS250/GT240 PCI-E	nVidia Windows 7 driver 8.17.11.9562	ATI Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
nVidia GeForce GTS250/GT240 PCI-E	nVidia Windows 7 driver 8.17.11.9562	ATI Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation WDDM 1.1 driver 8.56.1.15	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	Yes
nVidia GeForce 8600GT PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.15.11.8593	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	ATI Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	ATI Radeon HD 2600 PRO PCI-E	8.632.1.200 (Windows 7 driver)	Yes
Intel HD Family Graphics (Built-in on Motherboard)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	Yes
Intel HD Family Graphics (Built-in on Motherboard)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	ATI Radeon HD 6850/ 6670/ 4350 PCI-E	ATI Windows 7 driver 8.930.0.0	Yes

Intel G965 Express (Built-in on Motherboard)	Intel Windows 7 driver 8.15.10.1825	ATI Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
Intel G965 Express (Built-in on Motherboard)	Intel Windows 7 driver 8.15.10.1825	nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes

B. Windows 7 x64 XP VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
nVidia GeForce 8600GT PCI-E	No Windows XP x64 driver support	ATI Rage XL PCI	No Windows XP x64 driver support	No
Intel G965 Express (Built-in on Motherboard)	No Windows XP x64 driver support	nVidia GeForce FX5200 PCI	No Windows XP x64 driver support	No
Intel G965 Express (Built-in on Motherboard)	No Windows XP x64 driver support	ATI Rage XL PCI	No Windows XP x64 driver support	No
nVidia GeForce FX5200 AGP	No Windows XP x64 driver support	ATI Radeon 9250 PCI	No Windows XP x64 driver support	No
Standard VGA Graphics Adapter	Windows 7 built-in driver 6.1.7600.16385	ThinNetworks TN-502 PCI	ThinNetworks Windows XP x64 driver 6.13.1.21	No

C. Dual Head/DualView VGA Card Support

Notes:

BeTwin VS x64 does support Dual Head/DualView VGA card under Windows 7 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)

Host's VGA	Host's VGA Driver version	Station's VGA	Station's VGA Driver Version	Windows Aero Support
ATI Radeon HD 6850 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	ATI Windows 7 driver 8.930.0.0	ATI Radeon HD 6850 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	ATI Windows 7 driver 8.930.0.0	No

ATI Radeon HD 4350 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	8.56.1.15 (Windows 7 built-in Microsoft Corporation - WDDM 1.1 driver) or 8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.753.0.0 (catalyst 10.7 Windows 7 driver from ATI web site)	ATI Radeon HD 4350 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	8.56.1.15 (Windows 7 built-in Microsoft Corporation - WDDM 1.1 driver) or 8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.753.0.0 (catalyst 10.7 Windows 7 driver from ATI web site)	No
ATI Radeon HD 2600 PRO DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.741.0.0 (catalyst 10.6 Windows 7 driver from ATI web site)	ATI Radeon HD 2600 PRO DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.741.0.0 (catalyst 10.6 Windows 7 driver from ATI web site)	No
nVidia GeForce GT 520 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	nVidia GeForce GT 520 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	No
nVidia GeForce GT 440 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	nVidia GeForce GT 440 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	No
nVidia GeForce GTS 250 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce GTS 250 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce GT 240 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce GT 240 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce 9300 GE DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 266.58	nVidia GeForce 9300 GE DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 266.58	No
nVidia GeForce 8600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM v1.1) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce 8600GT DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM v1.1) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce 7100GS DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce 7100GS DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce 6600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce 6600GT DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No

ThinNetworks TN-750 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	6.13.1.15 (Windows XP x64 driver)	ThinNetworks TN-750 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	6.13.1.15 (Windows XP x64 driver)	No
Standard VGA Graphics Adapter	6.1.7600.16385 (Windows 7 built-in driver)	ThinNetworks TN-502 DualView PCI (Station#1 is using the primary VGA output of the DualView VGA and Station #2 is using the secondary VGA output of the DualView VGA)	6.13.1.21 (Windows XP x64 driver)	No
nVidia GeForce 8600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA, Station#1 is using the secondary VGA output of the DualView VGA)	8.17.11.9745 (Windows 7 driver from Windows Updates web site)	ATI Radeon HD 2600 PRO DualView PCI-E (Station#2 is using the primary VGA output of the DualView VGA. Station #3 is using the secondary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 driver from Windows Updates web site)	No
ATI Radeon HD 2600 PRO DualView PCI-E (Host is using the primary VGA output of the DualView VGA, Station#1 is using the secondary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 driver from Windows Updates web site)	nVidia GeForce 8600GT DualView PCI-E (Station#2 is using the primary VGA output of the DualView VGA. Station #3 is using the secondary VGA output of the DualView VGA)	8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
Intel HD Family Graphics (Host is using the DVI-D port that built-in on the GigaByte Motherboard GA-Z68MA-D2H-B3)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	Intel HD Family Graphics (Station is using the D-Sub port that built-in on the GigaByte Motherboard GA-Z68MA-D2H-B3)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	No
Intel HD Family Graphics (Host is using the DVI-D port that built-in on the ECS Motherboard H61H2-M2)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	Intel HD Family Graphics (Station is using the D-Sub port that built-in on the ECS Motherboard H61H2-M2)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	No
Intel HD Family Graphics (Host is using the DVI-D port that built-in on the Jetway Motherboard I61M2)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	Intel HD Family Graphics (Station is using the D-Sub port that built-in on the Jetway Motherboard I61M2)	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	No

D. 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	257.21 (Windows 7 driver from nVidia)	MCT USB VGA (Model UVGA-A8201, Trigger 1+)	10.11.0427.0159 (XDDM driver from MCT)	No
Intel HD Family Graphics	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	MCT USB VGA (Model UV-A8301, MCT Trigger II chipset)	11.10.1014.0179 (Windows 7 driver from MCT)	No

Intel HD Family Graphics	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	MCT USB VGA (Model MWS8940, Trigger II chipset)	11.10.1014.0179 (Windows 7 driver from MCT)	No
Intel HD Family Graphics	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	SCP-M8940 (Using MCT Trigger II chipset)	11.09.0919.0183 (Windows 7 driver from Vendor)	No
Intel HD Family Graphics	8.15.10.2696 (Windows 7 driver from Windows Updates web site)	DisplayLink USB VGA	6.1.36484.0 (Windows 7 driver from Windows Updates web site)	No