



Display Settings Supported By Firmware 6.5.5

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Display Settings Supported by Firmware 6.5.5

The following table lists the display settings that are supported by the Chip PC client device firmware 6.5.5 released in March 2007.

Table 1 - Display Settings Supported by Firmware 6.5.5

Display Resolution	Socket	Color	Vertical Frequency (Hz)	Horizontal Frequency (KHz)	Pixel Clock (MHz)
640x480	VGA or DVI	8-bit 16-bit 24-bit	60	31.5	25.2
			70	36.8	29.4
			72	37.85	30.3
			75	39.4	31.5
			85	44.75	35.8
800x480	VGA or DVI	8-bit 16-bit 24-bit	60	37.55	39.65
800x600	VGA or DVI	8-bit 16-bit 24-bit	60	37.7	39.8
			70	44	46.5
			72	45.25	47.8
			75	47.15	49.8
			85	53.4	56.4
1024x768	VGA or DVI	8-bit 16-bit 24-bit	60	48.4	65.1
			70	56.5	75.95
			72	58.1	78.1
			75	60.5	81.35
			85	68.6	92.2
1280x768	VGA or DVI	8-bit 16-bit 24-bit	60	47.8	79.5



Table 1 - Display Settings Supported by Firmware 6.5.5 – continued

Display Resolution	Socket	Color	Vertical Frequency (Hz)	Horizontal Frequency (KHz)	Pixel Clock (MHz)
1280x1024	VGA or DVI	8-bit 16-bit 24-bit	60	63.7	108
			70	74.4	126.2
1360x768	VGA or DVI	8-bit 16-bit	60	47.7	84.7
1440x900	VGA or DVI	8-bit 16-bit	60	55.9	106.45
1680x1050	VGA or DVI	8-bit 16-bit	50	54.35	122.6
1600x1200	VGA or DVI	8-bit 16-bit	50	62.5	135
1680x1050 Reduced Blank	DVI	8-bit 16-bit	50	54	99.36
			60	64.75	119.15
1600x1200 Reduced Blank	DVI	8-bit 16-bit	60	75	137.45
1920x1200 Reduced Blank	DVI	8-bit 16-bit	50	61.7	128.35

Notes

- Some of the display modes may not be available when using multiple displays.
- When using the VGA socket with an LCD screen some minor distortions may occur in non-standard resolutions.
- Supported display modes are dependent on thin client hardware; some of the above display modes may not be available in certain thin client models.
- Effective display settings are dependent on display hardware and cable quality; some of the above display modes may not be supported by certain screens or cables.
- The display settings in Table 3 were tested successfully on the following displays:
 - Dell 2407WFPb
 - ViewSonic VP2030b
 - Samsung SyncMaster 214T



Display Settings – Recommended Configuration Procedure

When configuring display settings, the following course of action is recommended:

1. Set the desired resolution and refresh frequency in accordance with the limitations of your display.
2. If the settings do not function, change to Reduced Blank if using DVI or reduce the refresh frequency if using VGA.
3. If the change to Reduced Blank does not help, try reducing the refresh frequency.