Windows Sidebar

Windows Sidebar is a narrow panel on the right side of the monitor that provides users with instant access to customizable mini-applications, offering information at a glance and providing easy access to frequently used tools. The Sidebar is a productivity enhancement that is especially effective for widescreen users.

Live Icon and Tabbed Browsing

Windows® Document Explorer shows high-resolution thumbnails (Live Icons) that preview the document’s content so the user knows if the right document file has been selected without even opening it. Internet Explorer 7’s Tabbed Browsing enhances web browsing with thumbnails as well. Live Icon and Tabbed Browsing improve browsing efficiency for widescreen users.

Special widescreen OS browsing features

Windows Sidebar, Live Icon and Live Taskbar are special Windows Vista™ features that are designed to enhance user productivity on widescreen LCDs.

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Widescreen aspect ratio

Aspect ratio is the relationship of an image’s width to its height. A widescreen monitor is defined as any monitor that displays an image with an aspect ratio wider than 4:3. The increased viewing area of 16:10* widescreen LCD monitors broadens the user’s perspective on home entertainment and workplace productivity.

Target Consumer Market

Target Corporate Market

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4:3

16:10

* 16.9 and 15.9 ratios are also defined as “widescreen”
Dual widescreen displays
The combination of a widescreen notebook LCD and a widescreen LCD monitor increases work space, enhancing productivity while preserving mobility. This dual widescreen display scenario can be connected instantly without resolution adjustment.

Widescreen multi-tasking at work
The additional width of widescreen LCDs improves office productivity by reducing window overlap. Corporate users can work more efficiently with fewer restraints on what they can and cannot see.

- Microsoft® Office® applications can be opened side by side (2 full pages)
- Financial information such as reports, and stock charts can be presented easily
- Users can browse multiple Internet windows simultaneously
- Graphic designers and IT programmers have more space for information analysis

Widescreen entertainment
Acer widescreen LCDs have a control that allows images to be rendered perfectly within the frame of the monitor, regardless of the source. Letterbox entertainment is also adjusted to maximize the screen size by reducing the horizontal black bars above and below the image.

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Widescreen gaming
Widescreen gaming offers a broader playing area for modern games that require tool and weapon bars to be displayed on screen. Wide screens also make it easier for users to keep other windows open while gaming, for better multi-tasking.

Most game consoles support widescreen format HD content that looks superb on a widescreen LCD monitor. Both systems can be hooked up to certain Acer monitors via VGA, DVI, composite video, S-video and component video.

An Acer widescreen LCD monitor is a functional and fashionable complement to a widescreen NB.
**High-PPI for professional applications**

Users with Acer widescreen high-resolution monitors such as the 24" W with 1920x1200 resolution can use the improved OS features to take full advantage of applications designed for high-PPI displays like photo editing, artwork rendering or engineering applications.

Latest generation operating systems have improved features for high-PPI displays such as Windows Aero and ClearType™ technology.

**Comfortable PPI for daily usage**

While the human eye can reliably distinguish around 200 PPI (pixels per inch), comfortable PPI for the human eye on a widescreen LCD is between 85 and 95 PPI. When a widescreen LCD’s PPI is in this comfort zone, picture quality is greatly enhanced and web text is more readable.

<table>
<thead>
<tr>
<th>Size/Resolution</th>
<th>PPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>17&quot; 1280x1024</td>
<td>86</td>
</tr>
<tr>
<td>17&quot;W 1440x900</td>
<td>89</td>
</tr>
<tr>
<td>20&quot; 1600x1200</td>
<td>87</td>
</tr>
<tr>
<td>20&quot;W 1680x1050</td>
<td>95</td>
</tr>
</tbody>
</table>

**Beyond bigger: go wide**

The current market trend is to go bigger, mainly from 15" to 17", from 17" to 19", or from 19" to 20.1". Acer’s competitors are “going bigger” within the regular 4:3 format — which is insufficient for wide-format applications. For monitors over 19", Acer has the most complete product offering and delivers many large-size monitors with a wide format for the most comfortable viewing experience.