

October 25, 2012

## Main Specifications of the New 21.3-inch Models

### Main Specifications of the New 21.3-inch QXGA Models

|                              | Color model  | Monochrome model   |
|------------------------------|--|--|
| <b>Part number:</b>          | NL204153AC21-17  | NL204153AM21-18A   |
| <b>Resolution:</b>           | 2048(H) x 1536(V) pixels   | 2048(H) x 1536(V) pixels   |
| <b>Display area:</b>         | 433.152(H) x 324.864(V) mm   | 433.152(H) x 324.864(V) mm   |
| <b>Display color:</b>        | 1073M colors   | 1024 gray scales/sub-pixel<br>3072 gray scales/pixel   |
| <b>Pixel pitch:</b>          | 0.2115(H) x 0.2115(V) mm   | 0.2115(H) x 0.2115(V) mm   |
| <b>Luminance:</b>            | 800 cd/m <sup>2</sup> (typ.)   | 1700 cd/m <sup>2</sup> (typ.)  |
| <b>Contrast ratio:</b>       | 1400 : 1(typ.)   | 1400 : 1(typ.)   |
| <b>Viewing angle:</b>        | Vertical : Up 88 degrees,<br>down 88 degrees<br>Horizontal : Left 88 degrees,<br>right 88 degrees<br>(Contrast ratio at over 10:1) | Vertical : Up 88 degrees, down<br>88 degrees<br>Horizontal : Left 88 degrees,<br>right 88 degrees<br>(Contrast ratio at over 10:1) |
| <b>Power supply voltage:</b> | Signal : 12.0 V<br>Backlight : 12.0 V  | Signal : 12.0 V<br>Backlight : 12.0 V  |
| <b>Module size:</b>          | 457.0(typ.) x 350.0(typ.) x<br>21.5(max) mm  | 457.0(typ.) x 350.0(typ.) x<br>21.5(max) mm  |
| <b>Weight:</b>               | 2700 g(typ.)   | 2700 g(typ.)   |
| <b>Backlight:</b>            | White LED  | White LED  |

### Main Specifications of the New 21.3-inch UXGA Models

|                       | Color model              | Monochrome model                                   |
|-----------------------|--------------------------|--|
| <b>Part number:</b>   | NL160120AC27-32          | NL160120AM27-33A                                   |
| <b>Resolution:</b>    | 1600(H) x 1200(V) pixels | 1600(H) x 1200(V) pixels                           |
| <b>Display area:</b>  | 432.0(H) x 324.0(V) mm   | 432.0(H) x 324.0(V) mm                             |
| <b>Display color:</b> | 16.77M colors            | 766 gray scales/sub-pixel<br>256 gray scales/pixel |
| <b>Pixel pitch:</b>   | 0.270(H) x 0.270(V) mm   | 0.270(H) x 0.270(V) mm                             |

|                                  |  |  |
|----------------------------------|--|--|
| <b>Luminance:</b>                | 900 cd/m <sup>2</sup> (typ.)   | 1900 cd/m <sup>2</sup> (typ.)  |
| <b>Contrast ratio:</b>           | 1400 : 1(typ.)   | 1400 : 1(typ.)   |
| <b>Viewing angle:</b>            | Vertical : Up 88 degrees,<br>down 88 degrees<br>Horizontal : Left 88 degrees,<br>right 88 degrees<br>(Contrast ratio at over 10:1) | Vertical : Up 88 degrees, down<br>88 degrees<br>Horizontal : Left 88 degrees,<br>right 88 degrees<br>(Contrast ratio at over 10:1) |
| <b>Power supply<br/>voltage:</b> | Signal : 12.0 V<br>Backlight : 12.0 V  | Signal : 12.0 V<br>Backlight : 12.0 V  |
| <b>Module size:</b>              | 457.0(typ.) x 350.0(typ.) x<br>21.5(max) mm  | 457.0(typ.) x 350.0(typ.) x<br>21.5(max) mm  |
| <b>Weight:</b>                   | (2700) g(typ.)   | 2700 g(typ.)   |
| <b>Backlight:</b>                | White LED  | White LED  |