|  |  |
| --- | --- |
| 5.1 TFT LCD MODULE | None |
| Model # | G2524H |
| Mass Production (based on Panel supplier’s RFQ response to Dell) | AUO:M250HAN01.7 |
| LCD Technology (TN, IPS, VA) | IPS 24.5"(3 SNB) |
| Resolution | 1920x1080 |
| Pixel Pitch | 0.2832 (H) × 0.2802 (V) mm |
| Aspect Ratio | 16:9 |
| Curvature | Flat |
| Pixel Format | RGB |
| Module Outline Dimension (typ)  W x H X D (mm) | 552.49(H) x 319.83(V) mm(Typ) |
| Active Area (H x V) | 543.744 x 302.616 |
| TCON location | Follow Panel Spec |
| Interface protocol (Interface PWB to TCON input) | eDP |
| Interface protocol (TCON output to Panel) | Follow Dell consigned Panel Spec |
| Driver IC Supplier (Source and Gate) | Follow Dell consigned Panel Spec |
| Backlight Type | WLED |
| CCFL/WLED Supplier (s) | Follow Dell consigned Panel Spec |
| # of Backlights/Lamps | 68 pcs LED(4 strings and 17 pcs LED of one string) |
| Backlight Operating Frequency (typ) | 200KHZ |
| Backlight Life (Under stable condition) | 30,000hrs min |
| Tilt (-5°/+21°) & Pivot (+/-90°) @ Stand usage | Required "guarantee for panel peel off" (For Open-cell model, SI holds the responsibility) |
| Tilt (-35°/+80°) & Pivot (+/-180°) @ Arm usage | Required "guarantee for panel peel off" (For Open-cell model, SI holds the responsibility) |
| Interface Connector on LCD panel (locking or non-locking) | Locking |
| Mating Interface Connector from interface board (locking or non-locking) | Locking |
| Operating Temperature | 0 ~ 50 0C |
| Storage Temperature | -20 ~ 60 0C |
| TCO-7.0 Compliant | Follow Dell consigned Panel Spec |
| Wide Viewing Film used (Type & Supplier) | Follow Dell consigned Panel Spec |
| Mounting method | VESA mount |
| Module Weight (typical) | 1690g |
| Faceplate Coating (Surface Treatment) | Anti Glare Hard coating : 3H Haze level : 25% |

|  |  |
| --- | --- |
| 5.2 PANEL OPTICAL PERFORMANCE | None |
| Parameter | None |
| Model # | AUO:M250HAN01.7 |
| Color Depth | 16.78M colors |
| Contrast Ratio (typical) | ≥1000:1 |
| Response Time (trise + tfall) | 5ms (G to G) |
| Luminance of White at Center | ≥400nits (typ) |
| Viewing Angles @ CR>10 (L/R/U/D) | 178o/178o |
| Color Gamut (typical) | sRGB 99% |
| Gamma & tolerance | 2.2 +/- 0.3 |
| Crosstalk at 60 Hz (max) | Follow and Meet Dell FOS spec |
| Luminance Uniformity On full white pattern (min/max) | 75% min |
| Mura | Not allowed |
| color tint | Not allowed |
| Blue/Red Eye | Not allowed |
| Light Leakage at Rear of Panel | Not allowed |
| Pixel Defects | 0/5/5/5 |
| White Color Chromaticity | Wx=0.313 +/-0.03, Wy=0.329 +/-0.03 (Base on Panel Spec) |
| Red Color Chromaticity | Follow Dell consigned Panel Spec |
| Green Color Chromaticity | Follow Dell consigned Panel Spec |
| Blue Color Chromaticity | Follow Dell consigned Panel Spec |