The interactive 42-inch 3M™ Multi-Touch Display C4267PW features 3M’s high-performance projected capacitive (3M PCT) multi-touch technology and sophisticated bezel-free display design to offer users a truly uncompromised touch experience. The C4267PW chassis display delivers 60 simultaneous touches over 750 square inches of interactive surface area, at an ultra-fast 12 ms response time, to enable designers to create multi-user experiences that are more natural, intuitive and responsive when compared to infrared- and optical-based systems. Versatile enough for interactive digital signage, interactive tables and kiosk solutions, the C4267PW provides system architects with a high-performance, easy-to-integrate commercial display for innovative multi-touch solutions.

**Precision Large-format Multi-Touch**

In addition to delivering 60 simultaneous touches at a 12ms response time, the 3M touch electronics have an advanced built-in palm rejection algorithm to ensure that unintended contact with the screen is ignored and does not interfere with the user’s intended action. The design of the projected capacitive sensor has more than 10,000 touch sensing points in close proximity, making it precise and extremely accurate across the entire touchscreen. 3M PCT’s durable glass surface has unique anti-stiction properties that greatly reduces surface friction and allows users fingers to effortlessly glide across the display for easy gesture functions. This fast, accurate, and easy to use multi-touch screen enables customers to create, deliver and experience innovative and engaging multi-user applications.

**Industrial Grade Designed for Multi-Touch Interaction**

The C4267PW display has been designed from the ground up to meet the unique requirements of a large format multi-touch display. Unlike televisions or digital signs, an interactive multi-touch display draws users in close proximity to the LCD. To maintain sharp image quality at close distances the C4267PW display features a full 1080p HD LCD, wide viewing angles, and a fine pixel pitch of 0.485mm x 0.485mm. An advanced thermal management system ensures the touch surface is at a comfortable temperature for the user, even in a horizontal table implementation, and promotes “always on” performance of critical electronic components. To ensure the image quality is not compromised in strong ambient lighting environments, this display features an anti-glare coating.

Every element of the C4267PW is designed to enable integrators to configure the display in any orientation while meeting the demanding needs of public environments. The LED backlight system allows integrators to implement in landscape, portrait or horizontal orientations without concern of non-uniformity that CCFL systems can exhibit. At just 2.7” deep the C4267PW can be a sleek wall mounted interactive digital sign or a slim interactive table or kiosk. The all glass bezel free industrial design, inspired by modern consumer devices, makes it an elegant addition for any commercial or professional environment.

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<tr>
<th><strong>Feature</strong></th>
<th><strong>Benefit</strong></th>
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| 3M PCT Multi-Touch Technology | • 60 finger multi-touch input enables intuitive on-screen collaboration  
• Fast <12 millisecond touch response creates a natural, intuitive and responsive interface  
• Advanced palm rejection algorithms prevent unintended touches that commonly occur in table applications  
• Anti-stiction surface enhances the user experience for simple and advanced gestures |
| Sophisticated and Durable Design | • Flat front surface design built in for elegant modern aesthetics  
• Slim 2.7” thickness provides sleek low profile appearance while enabling easy integration on wall, table or enclosure  
• All metal construction provides rugged frame for public use environments  
• Advanced thermal management system designed to keep display cool to the touch in tabletop and enclosure installations  
• Anti-Glare Coating to maintain image quality under harsh ambient lighting |
| Premium Display for Multi-Touch Applications | • Full HD resolution (1920x1080) with a fine pixel pitch to maintain sharp image quality while performing up-close interactions  
• Ultra-Wide viewing angle presents a brilliant image at any angle  
• LED Backlights present a long lasting, bright, uniform image regardless of integrated orientation |

**Recommended Multi-Touch Applications**

- Interactive Digital Signage  
- Transportation  
- Wayfinding  
- Security Monitoring Systems  
- Training and Simulation  
- Tele-presence  
- Retail Product Selectors  
- Ticketing/Vending  
- Point of Information  
- Pro Audio/Visual  
- Geospatial  
- Broadcast
3M™ Multi-Touch Display C4267PW Specifications

Functional Specifications

Display Details

- **LCD Technology**: SPVA (super pattern vertical align)
- **Display Colors**: 1.07 billion
- **Pixel Pitch**: 0.485 x 0.485 mm
- **Brightness with touch sensor (max.)**:
  - 700 cd/m² (nit) typical
  - 610 cd/m² (nit) typical
- **Contrast Ratio**:
  - 4000:1 typical
- **Viewing Angle**: Horizontal/Vertical: 178 degrees typical
- **Video Response Time**: 8 ms typical
- **Refresh Rate**: 60Hz
- **Control Type**: OSD
- **Native Resolution**: 1920 x 1080

(1) Brightness measured on a display with 3M™ Projected Capacitive sensor.
(2) Measured at a contrast ratio of 10.
(3) Gray to Gray

Touch Details

- **Number of Touch Points**: 60 points with palm rejection
- **Touch Point Speed**: <12 milliseconds
- **Input Type**: Finger, thin glove
- **Touch Communication**: USB
- **Operating System Support**: Windows 8 / 7/ Vista / XP, Linux, Mac

(4) up to 20 touches

Physical Specifications

Product Details

- **Operating Environment**: 0 to +40 degrees C, relative humidity, non-condensing 90%
- **Storage Environment**: -10 to +60 degrees C
- **Video Input**: DVI, VGA, HDMI, DP (HDCP)
- **Audio**: Speaker: 5W + 5W @ 8Ω
  - Headphone, 20mW + 20mW @ 32Ω
- **Cover Glass**: Chemically-strengthened
- **VESA Pattern**: 400mm x 400mm
- **Power Supply**: Internal 110/220 VAC Power Supply
- **Power Consumption**: 100W Typical, 130W Max
- **RoHS Compliant**: Yes
- **Agency Approvals**: FCC-B, CE, TUV (IEC 60950), C-TICK
- **Warranty**: 2 years

Dimensions and Weight

- **Display Area**:
  - (viewing area) 36.62 x 20.60 inches
- **Display Dimensions**:
  - (outer) 39.11 x 23.05 x 2.61 inches
- **Packaging**:
  - 43.11 x 27.56 x 7.56 inches
- **Packaging/Display weight**: 26kg / 57.3lbs
- **Display weight**: 23kg / 50.7lbs

Ordering Information

- **Part Number**: 98-1100-0223-9

Connections

- Power (touch)  USB  OSD  In  Out  DP  HDMI  DVI  VGA  Out  In Audio

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**RoHS Directive compliant**: RoHS 2011/65/EU means that the product or part does not contain any of the substances in excess of the maximum concentration values (“MCVs”) in EU RoHS Directive 2011/65/EU, unless the substance is in an application that is exempt under EU RoHS. The MCVs are by weight in homogeneous materials. This information represents 3M’s knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M. (3/13)

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