

# 3M™ Multi-Touch Displays



## Overview



### Sophistication Meets Innovation in Multi-Touch Desktop Displays

3M™ takes interactive display technology to the next level by combining uncompromising multi-touch performance, brilliant high-definition graphics, wide viewing angles and elegant product design into a fully-integrated, easy-to-use, plug-and-play multi-touch desktop device.



Multi-Touch Desktop Displays

### Ruggedized Chassis for Next-Generation Multi-Touch Applications

3M combines its industry-leading multi-touch technology that delivers an ultra-fast, accurate, and precise multi-touch response, with a high-definition, wide viewing angle LCD, to create a multi-touch chassis for your next generation interactive application. The rugged all steel frame and a highly durable glass front surface provide the durability needed for demanding public use environment.



Multi-Touch Chassis Displays

# High-performance Desktop Multi-Touch Displays



**3M Multi-Touch Display M2167PW**  
**3M Multi-Touch Display M2467PW**



**3M Multi-Touch Display M2767PW**

<b>Diagonal Size</b>	M2167PW: 21.5"      M2467PW: 24"	27"
<b>Aspect Ratio</b>	16:9	16:9
<b>Display Form Factor</b>	Desktop	Desktop
<b>Number of Simultaneous Touch Points</b>	20	40
<b>Touch Response Time</b>	6 ms	10 ms*
<b>Display Resolution</b>	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
<b>Display Colors</b>	16.7 Million	16.7 Million
<b>Pixel Pitch</b>	M2167PW: 0.248mm x 0.248mm M2467PW: 0.277mm x 0.277mm	0.311mm x 0.311mm
<b>Backlight</b>	LED	LED
<b>Viewing Angle</b>	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)
<b>Brightness</b>	250 Nit	250 Nit
<b>Brightness with Touch Sensor</b>	217 Nit	217 Nit
<b>Multimedia</b>	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker
<b>Surface Treatment</b>	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating
<b>Touch Communication</b>	USB	USB
<b>Video Connections</b>	HDMI, VGA, Display Port	HDMI, VGA, Display Port
<b>Power Supply</b>	External, 110/220 VAC	External, 110/220 VAC
<b>Cables Included</b>	Power Supply, USB, HDMI, DVI	Power Supply, USB, HDMI, DVI
<b>VESA Pattern</b>	M2167PW: 100x100; M2467PW: 100x100; 100x200	100x100; 100x200
<b>Operating Systems Compatibility</b>	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS
<b>Warranty</b>	1 year	1 year
<b>Part Number</b>	M2167PW: 98-0003-3729-9 M2467PW: 98-0003-3786-9	98-0003-3787-7

\* up to 40 touches



Flat Front Surface (Virtual Bezel)



M18, M21, M24, M27 Connections



90-degrees of Adjustment

# Commercial-Grade Chassis Multi-Touch Displays



**3M Multi-Touch Display  
C2167PW**

**3M Multi-Touch Display  
C3266PW**

**3M Multi-Touch Display C4267PW  
3M Multi-Touch Display C4667PW**

**3M Multi-Touch Display  
C5567PW**

21.5"	32"	C4267PW: 42" C4667PW: 46"	55"
16:9	16:9	16:9	16:9
Open Frame Chassis	Open Frame Chassis	Open Frame Chassis	Open Frame Chassis
20	40	60	60
8 ms	10 ms*	12 ms*	10 ms*
1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
16.7 Million	16.7 Million	1.07 Billion	1.07 Billion
0.248mm x 0.248mm	0.364mm x 0.364mm	C4267PW: 0.485mm x 0.485mm C4667PW: 0.177mm x 0.530mm	0.21mm x 0.63mm
LED	LED	LED	LED
178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)
250 Nit	450 Nit	700 Nit	700 Nit
225 Nit	392 Nit	610 Nit	610 Nit
N/A	Audio Input, 10 Watt Audio Speaker	Audio Input, 10 Watt Audio Speaker	Audio Input, 5W + 5W @ 8Ω
Anti-glare	Anti-glare	Anti-glare	Anti-glare
USB	USB and Serial	USB	USB
VGA, DVI-D	HDMI, VGA, DVI	HDMI, DVI, VGA, Display Port	HDMI, DVI, VGA, Display Port (HDCP)
External, 110/220 VAC	Internal, 110/220 VAC	Internal, 110/220 VAC	Internal, 110/220 VAC
Power Supply, USB, VGA, DVI	Power Supply, USB, Serial, HDMI, VGA, DVI	Power Supply, USB, Serial, VGA, DVI, HDMI, Display Port	Power Supply, USB, Serial, VGA, DVI, HDMI, Display Port
100x100	200x200	400x400	400x400
Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS
1 year	1 year	2 year	1 year
98-0003-4242-2	98-0003-3695-2	C4267PW: 98-1100-0223-9 C4667PW: 98-0003-4107-7	98-1100-0531-5

\* up to 20 touches

\* up to 20 touches

\* up to 20 touches

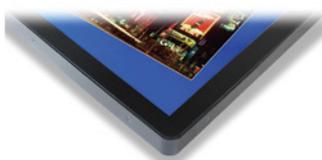


C2167PW Flat Front Surface



VGA DVI Remote OSD USB Touch Power Supply

C2167PW Connections



C4267PW, C4667PW and C5567PW  
Flat Front Surface

Audio (in/out) VGA DVI HDMI Display Port Serial (in/out) Serial Touch USB Touch AC Input On/Off



C3266PW, C4267PW, C4667PW and C5567PW Connections



## Multi-Touch Desktop Displays

Feature	Benefit
3M PCT Multi-Touch Technology	<ul style="list-style-type: none"> <li>• 20-touch<sup>(1)</sup> multi-touch performance for intuitive on-screen collaboration at 6 milliseconds response time</li> <li>• Palm rejection creates natural user operation when using one or two hands</li> <li>• Superior touch accuracy (99% of true position) enables precise touch performance, even at display edge and corners</li> </ul>
High Performance 1080p HD LCD with LED Backlight <sup>(2)</sup>	<ul style="list-style-type: none"> <li>• Vivid realistic images with enhanced brightness and contrast levels creates high-impact on-screen interactive experience</li> <li>• Wide viewing angle for viewing flexibility while maintaining image quality</li> <li>• Provides improved power efficiency and reduced consumption</li> </ul>
Sophisticated Flat Front Surface Design	<ul style="list-style-type: none"> <li>• Provides the elegant and modern aesthetics of popular portable consumer devices</li> <li>• Anti-stiction surface provides improved usability for multi-touch applications</li> <li>• Easy-to-clean surface without bezels</li> <li>• Virtually eliminates dust and debris build up at the edge and corners of the display</li> </ul>

(1) M2767PW allows for 40 simultaneous touch at a 10 millisecond response time

(2) M1866PW has high definition resolution (1366x768)

## Multi-Touch Chassis Displays

Feature	Benefit
3M PCT Multi-Touch Technology	<ul style="list-style-type: none"> <li>• Up to 60 multi-touch input with palm rejection capability enables engaging single and multiple user interactions</li> <li>• Less than 12 millisecond touch response (for 20 touches) creates a natural, intuitive and responsive interface</li> <li>• Anti-stiction surface enhances the user experience for simple and advanced gestures</li> </ul>
Premium Display Technology	<ul style="list-style-type: none"> <li>• Full HD resolution (1920 x 1080) maintains sharp image quality while performing up-close interactions</li> <li>• Ultra-wide viewing angle presents a brilliant image at almost any angle</li> <li>• LED backlights present a long lasting, bright, uniform image regardless of integrated orientation</li> </ul>
Versatile Product Design	<ul style="list-style-type: none"> <li>• Ultra-slim and lightweight display enables designers to create compelling multi-touch applications</li> <li>• Open frame design allows for easy integration in kiosks, enclosures or table tops</li> <li>• Advanced thermal system to maintain comfortable touch screen temperature</li> <li>• Strengthened glass construction enables modern durable flat front surface designs</li> <li>• Fully integrated multi-touch display simplifies implementation of multi-touch into product portfolio</li> </ul>

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