3M™ Multi-Touch Displays

Overview

Sophistication Meets Innovation

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 inter-active 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

www.3m.com/multitouch

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High-performance Desktop Multi-Touch Displays

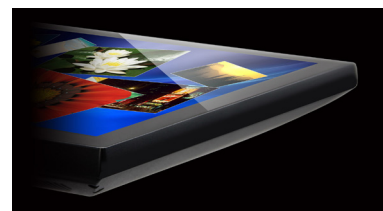# Commercial-Grade Chassis Multi-Touch Displays

	3M Multi-Touch Display M1866PW	3M Multi-Touch Display M2167PW / 3M Multi-Touch Display M2467PW	3M Multi-Touch Display M2767PW	3M Multi-Touch Display C2167PW	3M Multi-Touch Display C3266PW	3M Multi-Touch Display C4267PW / 3M Multi-Touch Display C4667PW
Diagonal Size	18.5"	M2167PW: 21.5" M2467PW: 24"	27"	21.5"	32"	C4267PW: 42" C4667PW: 46"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Display Form Factor	Desktop	Desktop	Desktop	Open Frame Chassis	Open Frame Chassis	Open Frame Chassis
Number of Simultaneous Touch Points	20	20	40	20	40	60
Touch Response Time	6 ms	6 ms	10 ms*	8 ms	10 ms*	12 ms*
Display Resolution	1366 x 768 (HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Display Colors	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million	1.07 Billion
Pixel Pitch	0.100mm x 0.300mm	M2167PW: 0.248mm x 0.248mm M2467PW: 0.277 x 0.277mm	0.311mm x 0.311mm	.248mm x .248mm	0.364mm x 0.364mm	C4267PW: 0.485 x 0.485 mm C4667PW: 0.177mm x 0.530mm
Backlight	LED	LED	LED	LED	LED	LED
Viewing Angle	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)
Brightness	250 Nit	250 Nit	250 Nit	250 Nit	450 Nit	700 Nit
Brightness with Touch Sensor	217 Nit	217 Nit	217 Nit	225 Nit	392 Nit	610 Nit
Multimedia	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker	N/A	Audio Input, 10 Watt Audio Speaker	Audio Input, 10 Watt Audio Speaker
Surface Treatment	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating	Anti-glare	Anti-glare	Anti-glare
Touch Communication	USB	USB	USB	USB	USB and Serial	USB
Video Connections	HDMI, VGA, DisplayPort	HDMI, VGA, DisplayPort	HDMI, VGA, DisplayPort	VGA, DVI-D	HDMI, VGA, DVI	HDMI, DVI, VGA, DisplayPort
Power Supply	External, 110/220 VAC	External, 110/220 VAC	External, 110/220 VAC	External, 110/220 VAC	Internal, 110/220 VAC	Internal, 110/220 VAC
Cables Included	Power Supply, USB, HDMI, DVI	Power Supply, USB, HDMI, DVI	Power Supply, USB, HDMI, DVI	Power Supply, USB, VGA, DVI	Power, USB, Serial, HDMI, VGA, DVI	Power, USB, Serial, VGA, DVI, HDMI, Display Port
VESA Pattern	100x100	M2167PW: 100x100; M2467PW: 100x100; 100x200	100x100 ; 100x200	100x100	200x200	400x400
Operating Systems Compatibility	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	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS
Warranty	1 year	1 year	1 year	1 year	1 year	2 year
Part Number	98-0003-3726-5	M2167PW: 98-0003-3729-9 M2467PW: 98-0003-3786-9	98-0003-3787-7	98-0003-4242-2	98-0003-3695-2	C4267PW: 98-1100-0223-9 C4667PW: 98-0003-4107-7

* up to 40 touches

* up to 20 touches

* up to 20 touches

Flat Front Surface (Virtual Bezel)

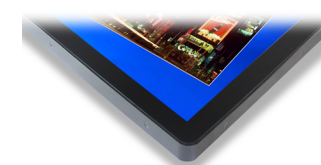USB Touch   Audio   VGA   HDMI   Display Port   Power

M18 | M21 | M24 | M27: Connections

90-degrees of Adjustment

C2167PW Flat Front Surface

C4267PW and C4667PW Flat Front Surface

VGA   DVI   Remote OSD   USB Touch   Power

C2167PW Connections

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

C3266PW, C4267PW, and C4667PW Connections

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Multi-Touch Desktop Displays

Feature	Benefit
3M PCT Multi-Touch Technology	• 20-touch[1] multi-touch performance for intuitive on-screen collaboration at 6 milliseconds response time • Palm rejection creates natural user operation when using one or two hands • Superior touch accuracy (99% of true position) enables precise touch performance, even at display edge and corners
High Performance 1080p HD LCD with LED Backlight[2]	• Vivid realistic images with enhanced brightness and contrast levels creates high-impact on-screen interactive experience • Wide viewing angle for viewing flexibility while maintaining image quality • Provides improved power efficiency and reduced consumption
Sophisticated Flat Front Surface Design	• Provides the elegant and modern aesthetics of popular portable consumer devices • Anti-stiction surface provides improved usability for multi-touch applications • Easy-to-clean surface without bezels • Eliminates dust and debris build up at the edge and corners of the display

(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	• Up to 60-finger multi-touch input with palm rejection capability enables engaging single and multiple user interactions • Less than 12 millisecond touch response (for 20 touches) creates a natural, intuitive and responsive interface • Anti-stiction surface enhances the user experience for simple and advanced gestures
Premium Display Technology	• Full HD resolution (1920x1080) maintains 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
Versatile Product Design	• Ultra-slim and lightweight display enables designers to create compelling multi-touch applications • Open frame design allows for easy integration in kiosks, enclosures or table tops • Advanced thermal system to maintain comfortable touch screen temperature • Chemically-strengthened glass construction enables modern durable flat front surface designs • Fully integrated multi-touch display simplifies implementation of multi-touch into product portfolio