

3M™ Multi-Touch Displays



Overview



Multi-Touch Desktop Displays



Multi-Touch Chassis Displays

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

Ruggedized Chassis for Next-Generation Multi-Touch Applications

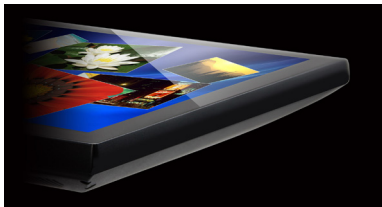
3M combines its industry-leading multi-touch technology that delivers an ultra-fast, accurate, and precise multi-touch response, with a high-definition, wide viewing angle LCD, to create a multi-touch chassis for your next generation interactive application. The rugged all steel frame and a highly-durable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



High-performance Desktop Multi-Touch Displays



	3M Multi-Touch Display M1866PW	3M Multi-Touch Display M2167PW	3M Multi-Touch Display M2467PW	3M Multi-Touch Display M2767PW
Diagonal Size	18.5"	21.5"	24"	27"
Aspect Ratio	16:9	16:9	16:9	16:9
Display Form Factor	Desktop	Desktop	Desktop	Desktop
Number of Simultaneous Touch Points	20	20	20	40
Touch Response Time	6 ms	6 ms	6 ms	10 ms
Display Resolution	1366 x 768 (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
Pixel Pitch	0.100mm x 0.300mm	0.248mm x 0.248mm	0.248mm x 0.248mm	0.248mm x 0.248mm
Backlight	LED	LED	LED	LED
Viewing Angle	178°(V) & 178° (H)	178°(V) & 178° (H)	178°(V) & 178° (H)	178°(V) & 178° (H)
Brightness	250 Nit	250 Nit	250 Nit	250 Nit
Brightness with Touch Sensor	217 Nit	217 Nit	217 Nit	217 Nit
Multimedia	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker
Surface Treatment	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating
Touch Communication	USB	USB	USB	USB
Video Connections	HDMI, VGA, Display Port	HDMI, VGA, Display Port	HDMI, VGA, Display Port	HDMI, VGA, Display Port
Power Supply	External, 110/220 VAC	External, 110/220 VAC	External, 110/220 VAC	External, 110/220 VAC
VESA Pattern	100 x 100	100 x 100	100 x 100 ; 100 x 200	100 x 100 ; 100 x 200
Operating Systems Compatibility	Windows 7/Vista/XP, Linux, & Mac OS	Windows 7/Vista/XP, Linux, & Mac OS	Windows 7/Vista/XP, Linux, & Mac OS	Windows 7/Vista/XP, Linux, & Mac OS
Warranty	1 year	1 year	1 year	1 year
Part Number	98-0003-3726-5	98-0003-3729-9	98-0003-3786-9	98-0003-3787-7



Flat Front Surface (Virtual Bezel)



USB Touch Audio VGA HDMI Display Port Power
M18 | M21 | M24 | M27: Connections



90-degrees of Adjustment

Chassis Multi-Touch Displays



3M Multi-Touch Display C2254PW	3M Multi-Touch Display C3266PW
22"	32"
16:10	16:9
Open Frame Chassis	Open Frame Chassis
20	40
6 ms	10 ms
1680 x 1050	1920 x 1080 (Full HD)
16.7 Million	16.7 Million
0.282mm x 0.282mm	0.364mm x 0.364mm
LED	LED
178°(V) & 178° (H)	178°(V) & 178° (H)
300 Nit	450 Nit
270 Nit	392 Nit
N/A	Audio Input, 10 Watt Audio Speaker
3M Anti-glare Etched Glass	3M Anti-glare Etched Glass
USB and Serial	USB and Serial
VGA, DVI	HDMI, VGA, DVI
External, 12VDC	Internal, 110/220 VAC
100 x 100	200 x 200
Windows 7/Vista/XP, Linux, & Mac OS	Windows 7/Vista/XP, Linux, & Mac OS
1 year	1 year
98-0003-3601-0	98-0003-3695-2



C2254PW: Input Connections



C3266PW: Clearly labeled, easy access OSD controls



C3266PW: Wide variety of connections

Multi-Touch Desktop Displays

Feature	Benefit
3M PCT Multi-Touch Technology	<ul style="list-style-type: none">• 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⁾	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 40-finger⁽¹⁾ multi-touch input with palm rejection capability enables engaging single and multiple user interactions• Fast 10 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	<ul style="list-style-type: none">• Full HD resolution (1920x1080) maintains sharp image quality while performing up-close interactions⁽²⁾• 120Hz refresh rate keeps content crisp and clear while users interact• 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	<ul style="list-style-type: none">• 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⁽³⁾• Chemically-strengthened glass construction enables modern durable flat front surface designs• Fully integrated multi-touch display simplifies implementation of multi-touch into product portfolio

(1) C2254PW allows for 20 simultaneous touches

(2) C2254PW has high definition resolution (1680x1050)

(3) C3266PW only

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