

MCI15 Touch Features

Brightness Auto Sensor



The MCI15M (with MSR) touchscreen and MCI15MD (with MSR & Customer Display) touchscreens provide two additional USB ports for further expansion, optimal counter space utilization, smart cable management and lower system peripheral costs. All versions come with an internal power supply, a rubber wedge seal to protect against spills, a top-down anchor mounting system and a Kensington lock for greater security.

The MCI Touch Series offers numerous features such as a built-in 3 track magstripe reader and dual axis (tilt and swivel) 2x20 VF customer display. The touchscreen, magstripe reader, and customer display all interface to the PC through a single cable, thus simplifying connections.

Optional Customer Display



Power & OSD buttons

Connection Ports

Optional Integrated MSR



Cable Management & Kensington Lock

Integrated Speakers

Preh MCI displays offer ergonomic features for optimal interaction comfort, including a broad range of vertical tilt, an exceptionally stable base that eliminates “wobbling” when touched, lockable display controls hidden from the view of casual users, and an Auto-Sensing Brightness Adjustment feature not found in any other desktop touch solution on the market today.



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MCI Touch Technical Specifications

Monitor Part Number	Standard Version	MCI15BU
Display		15" Color Active Matrix Thin Film Transistor LCD
Color		Black
Touchscreen Technology		5-wire resistive
Touch Life	Pen Actuation	10,000,000 actuations
	Finger Actuation	35,000,000 actuations
Active Screen Dimensions	Horizontal	11.9" (304 mm)
	Vertical	8.9" (228 mm)
Touch Actuation Force	Typical	80 g
Monitor Dimensions	Width	15.5" (39.37 cm)
	Height with stand	13.9" (35.22 cm)
	Height with no stand	12.9" (32.68 cm)
	depth with stand	8.25" (20.95 cm)
Weight	depth with no stand	2.5" (6.36 cm)
	Actual	15 lbs. (6.8 kg) - with MSR & Customer Display: 16 lbs. (7.3 kg)
Brightness	Shipping	21 lbs. (9.5 kg) - with MSR & Customer Display: 22 lbs. (10 kg)
	LCD	250 nit typical
Colors	With Touch	200 nit typical
		16.2 million
Resolution	Native	1024 x 768 at 60,70,or 75 Hz
	Supported	800 x 600 at 56, 60, or 72, and 75Hz; 720 x 400 at 70Hz; 720 x 350 at 70Hz 640 x 480 at 60,72 and 75Hz
Viewing Angle	Horizontal	120° total (60° left/right)
	Vertical	105° degrees total (60° up/45° down)
Contrast Ratio		400 to 1
Scanning Frequency	Horizontal	31.5 - 60 kHz
	Vertical	56 - 75 Hz
Video Input		Analog RGB (VGA); Analog RGB with sync on green
OPOS Drivers		Available for Customer Display and MSR
Video Bandwidth		65 MHz
Input Video Format		VGA/SVGA/XGA analog
Power Supply Voltages		Internal DC supply: External AC input 100-240 VAC, 50-60 Hz
Power Dissipation		30 W max.
Temperature	Operating	10° C to 40° C
	Storage	- 30° C to 60° C
Humidity	Operating	20% to 80% noncondensing
	Storage	5% to 90% noncondensing
External Connections	Power	IEC320 Standard AC inlet
	Video	HD15 (VGA)
	Touch Interface	Dual interface USB/serial Controller; DB9F-pin connector (serial interface) 2 port USB hub Standard USB series "B" receptacle (detachable USB cable)
	Audio	Standard 3mm Stereo Jack
Additional Features		Power indicator for display is in the center bottom of the front bezel and is built into power switch • power switch state memory • Digital on-screen display (OSD) • Rubber wedge seal• Hidden software lockable controls • Direct access to brightness, audio mute, and video auto adjust functions (bypass OSD) • Auto-sensing Brightness Adjustment; Removable base • Two 75 mm VESA mounts on base and display chassis • Top or bottom access to countertop mounting holes • Kensington lock connection on chassis • Broad range of vertical tilt (-15° to 90°) • Two 1W baffled speakers
Product Agency Approvals		UL, cUL, FCC/B, CE, IC, TUV, VCCI, C-Tick
Warranty		3 years, 24 hour advance replacement (US only)