

# HMIDM6800WC

19w Display module, Harmony P6, Full HD, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter



## Main

Range of product	Harmony P6
Product or component type	Touch panel screen
Terminal type	Touchscreen display

## Complementary

Device mounting	Panel mounting Direct mounting VESA
Pixel resolution	1920 x 1080
Display resolution	1920 x 1080 pixels full HD
Display size	18.5 inch
Aspect ratio	16:9
Display type	LED not replaceable Colour TFT LCD
Display colour	16 million colours
Backlight lifespan	50000 hours at 25 °C
Function available	Standard mode Glove mode Water detection mode
Inrush current	30 A
Power consumption in W	85 W (typical) with advanced box 150 W (maximum) with advanced box 64 W (typical) with standard box 82 W (maximum) with standard box
Touch panel	Multi-touch projected capacitive technology (PCT) with optimized noise filter
Type of installation	Indoor installation
Cut-out dimensions	449.5 (+1/-0) x 279.5 (+1/-0) mm
Width	463.6 mm
Height	293.6 mm
Depth	Enclosure : 32 mm
Net weight	4.9 kg


## Environment

IP degree of protection	IP66f IP67f Type 1 Type 4X indoor use Type 12 Type 13
Standards	CE FCC part 15 UL 61010-2-201 CSA C22.2 No 61010-2-201
Product certifications	RCM[RETURN]KC[RETURN]UKCA[RETURN]DNV (DC model without HDD/fan/ EtherCAT card/22" wide display with expansion slot)[RETURN]ATEX zone 22 dust (DC model, front USB cover must be locked with screw)[RETURN]ATEX zone 2 (DC model, front USB cover must be locked with screw)[RETURN]CULus Class 1 Division 2 (without DIO option)[RETURN]IECEX zone 2 (DC model, front USB cover must be locked with screw)[RETURN]IECEX zone 22 (DC model, front USB cover must be locked with screw)
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...60 °C
Pollution degree	2
Relative humidity	10...90 % without condensation
Storage Relative Humidity	10...90 % without condensation
Operating altitude	2000 m
Vibration resistance	1 gn (f = 5...9 Hz) single amplitude conforming to IEC 61131-2 1 gn (f = 9...150 Hz) fixed amplitude conforming to IEC 61131-2 1 gn X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2
Shock resistance	147 m/s² conforming to IEC 61131-2 147 m/s² 3 shocks in each direction X, Y and Z
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to IEC 61000-4-2 level 3 Electrostatic discharge immunity test - test level: 8 kV (air discharge) conforming to IEC 61000-4-2 level 3 Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) conforming to IEC 61000-4-4
Type of cooling	Natural
Environmental characteristic	Dust resistant 0.1 mg/m³ (non-conductive) Corrosive gas free

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.0 cm
Package 1 Width	15.0 cm
Package 1 Length	55.0 cm
Package 1 Weight	5.9 kg
Unit Type of Package 2	P12
Number of Units in Package 2	22
Package 2 Height	150.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	139.8 kg

## Offer Sustainability

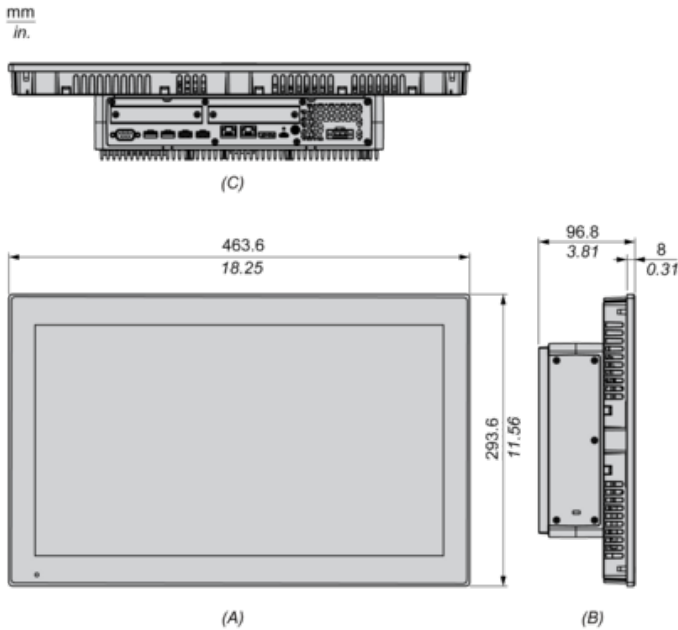
Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes

China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

Dimensions

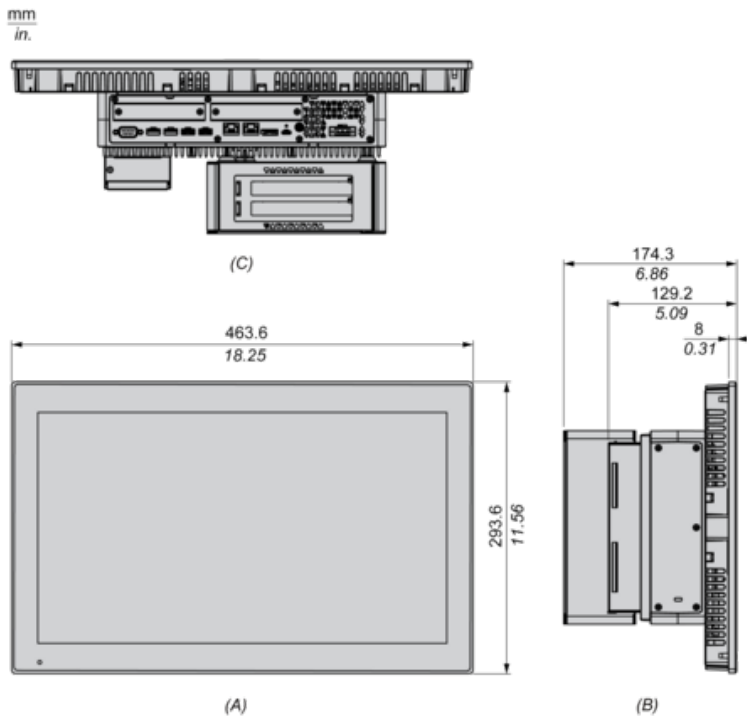
19-inch Wide Advanced Model

External Dimensions



- (A) : Front  
(B) : Left  
(C) : Bottom

External Dimensions with PCI/PCIe Slots and FAN kit



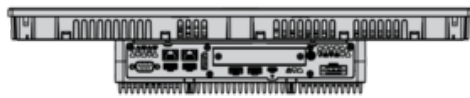
- (A) : Front  
(B) : Left

(C) : Bottom

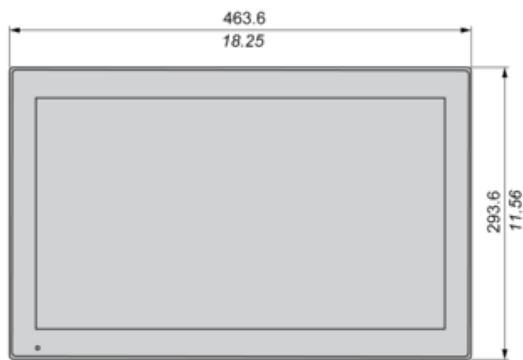
## 19-inch Wide Standard Model

### External Dimensions

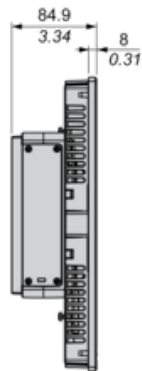
mm  
in.



(C)



(A)



(B)

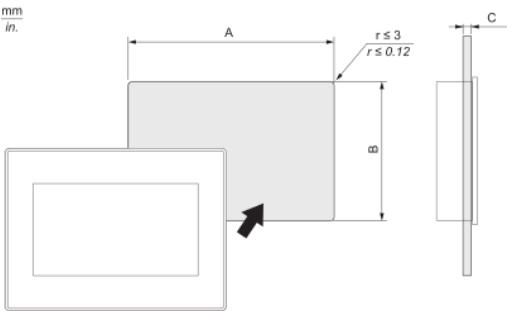
(A) : Front

(B) : Left

(C) : Bottom

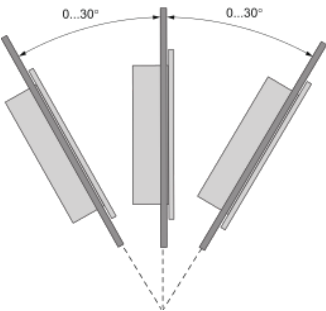
Mounting

Panel Cut Dimensions



A		B		C	
mm	in.	mm	in.	mm	in.
449.5 (+1, -0)	17.7 (+0.04, -0)	279.5 (+1, -0)	11.0 (+0.04, -0)	1.6...5	0.06...0.2

Mounting Angle



When installing this product in a slanted position, the product face should not incline more that 30°.

Clearance

