# Product data sheet
## Characteristics

# HMIDMA521
## Display PC Wide 22" multi-touch for HMIBM

Product availability:  Non-Stock - Not normally stocked in distribution facility



## Main

| | |
|---|---|
| Range of product | Magelis Modular iPC |
| Product or component type | Flat screen |
| Terminal type | Touchscreen display |
| Device mounting | Flush |

## Complementary

| | |
|---|---|
| Local signalling | Status LED |
| View angle horizontal x vertical | 150 x 150° |
| Contrast ratio | 500:1 |
| Pixel resolution | 1024 x 1024 |
| Touchscreen resolution | 4096 x 4096 |
| Function available | Operate with water on screen |
| [Us] rated supply voltage | 24 V DC power supply<br>100...240 V AC power supply 47...63 Hz |
| Supply voltage limits | 18...36 V DC |
| Power consumption in W | 50.7 W (typical) with Box PC HMIBMP<br>64.85 W (maximum) with Box PC HMIBMP<br>45.2 W (typical) with Box PC HMIBMU<br>59.85 W (maximum) with Box PC HMIBMU |
| Display size | 21.5 inch |
| Display type | LED<br>Colour TFT LCD |
| Display resolution | 1980 x 1080 pixels full HD |
| Display colour | 16777216 colors |
| Luminance | 27.87 fc (300 cd/m²) |
| Backlight lifespan | 50000 hours at 77 °F (25 °C) |
| Touch panel | Multi-touch projected capacitive technology (PCT) |
| Type of installation | Indoor installation |
| Inrush current | 8.9 A |
| Width | 21.98 in (558.4 mm) |
| Height | 13.77 in (349.8 mm) |
| Depth | 28 mm in front of enclosure<br>7 mm |
| Product weight | 14.55 lb(US) (6.6 kg) |

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## Environment

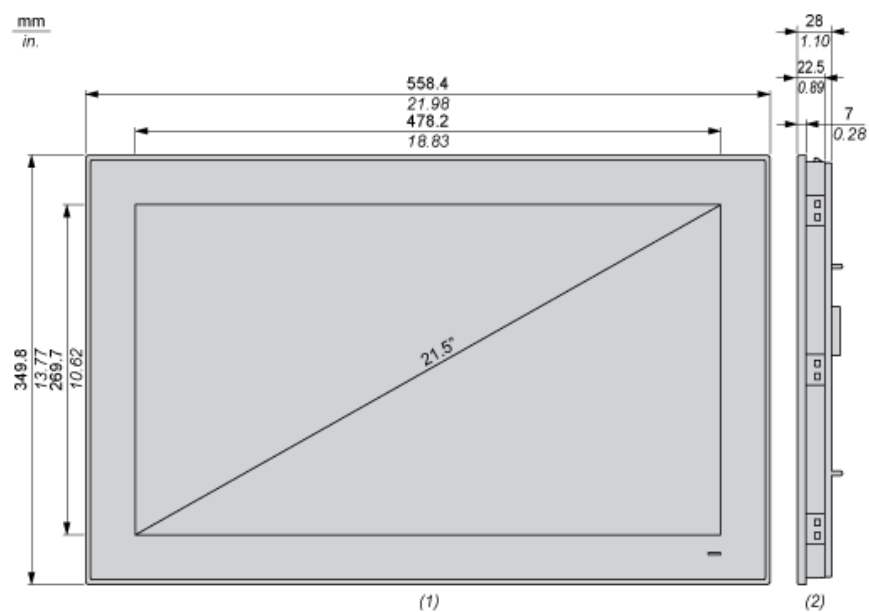| | |
|---|---|
| IP degree of protection | IP66 |
| NEMA degree of protection | NEMA 4X |
| Standards | UL 60950<br>CSA C22.2 No 60950 |
| Product certifications | CCC<br>C-Tick<br>EAC |
| Ambient air temperature for operation | 32...131 °F (0...55 °C) |
| Ambient air temperature for storage | -22...158 °F (-30...70 °C) |
| Pollution degree | 2 |
| Relative humidity | 10...95 % (non-condensing) |
| Operating altitude | 6561.68 ft (2000 m) |
| Vibration resistance | 1 gn (f = 5...500 Hz) HDD<br>2 gn (f = 5...500 Hz) SSD<br>2 gn (f = 5...500 Hz) Cfast card |

## Ordering and shipping details

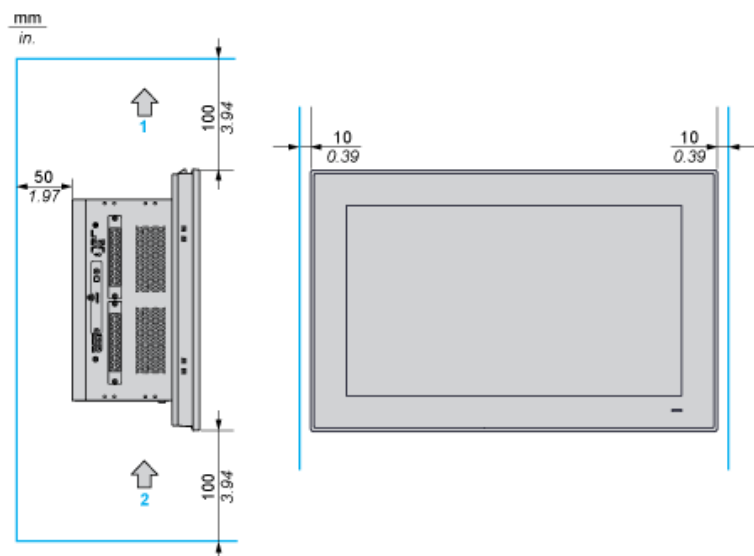| | |
|---|---|
| Category | 22574 - MAGELIS BOX PC AND PANEL PC |
| Discount Schedule | MC2 |
| GTIN | 00785901474210 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 20.300000000000001 |
| Returnability | N |
| Country of origin | US |

## Offer Sustainability

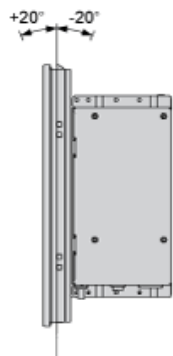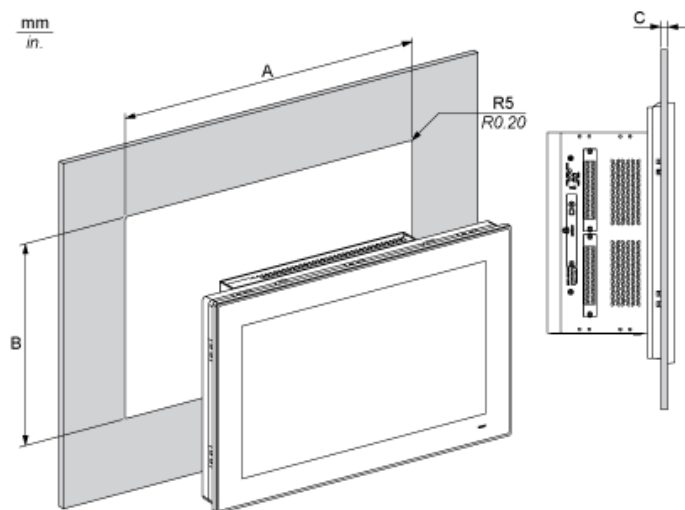| | |
|---|---|
| RoHS (date code: YYWW) | Compliant  - since  1604  -  Schneider Electric declaration of conformity ⬈Schneider Electric declaration of conformity |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - - - Substance 1 | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| - - - - - - - More information | For more information go to www.p65warnings.ca.gov |

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## Dimensions



(1)  Front view
(2)  Right view

## Spacing Requirements



1 :    Air out
2 :    Air in

## Mounting Orientation



## Panel Cut Dimensions

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| A | | B | | C | | R | |
|---|---|---|---|---|---|---|---|
| mm | in. | mm | in. | mm | in. | mm | in. |
| 550.3 | 21.66 | 341.8 | 13.45 | 2...6 | 0.08...0.23 | 5 | 0.20 |

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