



## Main

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Range of product          | Magelis IPC                                           |
| Product or component type | PC panel                                              |
| Processor name            | Atom N270 1.66 GHz L2 cache 512 kB                    |
| Chipset type              | Intel 945GME at 533 MHz                               |
| Display size              | 19 inch                                               |
| Display colour            | 16 million colours                                    |
| Luminance                 | 27.87 fc (300 cd/m <sup>2</sup> )                     |
| Drive type                | DVD-RW                                                |
| Video controller type     | Intel Graphics Media Accelerator (GMA) 950, 224 MB    |
| Operating system          | MS Windows XP Professional Edition SP3 multi-language |
| Software package          | Vijeo Designer run time demo                          |
| Bezel material            | Aluminium alloy                                       |

## Complementary

|                                  |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal type                    | Touchscreen display                                                                                                                                                                                                                                                                                                                |
| Data storage equipment           | 60 GB Flash disk SSD SLC                                                                                                                                                                                                                                                                                                           |
| Display type                     | Active matrix colour TFT LCD with LED backlight                                                                                                                                                                                                                                                                                    |
| Display resolution               | 1280 x 1024 pixels SXGA                                                                                                                                                                                                                                                                                                            |
| View angle horizontal x vertical | 160 x 100°                                                                                                                                                                                                                                                                                                                         |
| Touch panel                      | Analogue resistive                                                                                                                                                                                                                                                                                                                 |
| Memory type                      | 512 kB SRAM<br>2 GB RAM DDR3                                                                                                                                                                                                                                                                                                       |
| Type of cooling                  | Fanless                                                                                                                                                                                                                                                                                                                            |
| Integrated connection type       | DVI-I video port DVI-I<br>Ethernet TCP/IP with 2 RJ45<br>COM1 serial link male SUB-D 9 RS232C, transmission rate: 115 kbit/s<br>COM2 serial link male SUB-D 9 RS232C, transmission rate: 115 kbit/s<br>USB 2.0 type A, transmission rate: 480 Mbit/s front panel<br>USB 2.0 type A with 4, transmission rate: 480 Mbit/s top panel |
| Port Ethernet                    | 10BASE-T/100BASE-T/1000BASE-T                                                                                                                                                                                                                                                                                                      |
| Number of slots                  | 1 PCI<br>1 PCI express 4x                                                                                                                                                                                                                                                                                                          |
| [Us] rated supply voltage        | 100...240 V AC power supply                                                                                                                                                                                                                                                                                                        |
| Supply voltage limits            | 85...265 V                                                                                                                                                                                                                                                                                                                         |
| Network frequency                | 50...60 Hz<br>47...63 Hz                                                                                                                                                                                                                                                                                                           |
| Line Rated Current               | 1.6 A                                                                                                                                                                                                                                                                                                                              |
| Inrush current                   | 40 A                                                                                                                                                                                                                                                                                                                               |
| Power consumption in W           | 130 W                                                                                                                                                                                                                                                                                                                              |
| Material                         | Treated steel                                                                                                                                                                                                                                                                                                                      |
| Display material                 | Polyethylene sheet                                                                                                                                                                                                                                                                                                                 |
| Fixing mode                      | By fixing kit with enclosure door (fasteners included)<br>By fixing kit with panel (fasteners included)                                                                                                                                                                                                                            |
| Type of installation             | Indoor                                                                                                                                                                                                                                                                                                                             |
| Control type                     | ON/OFF push-button (equipment ON and OFF)<br>Push-button (reset)                                                                                                                                                                                                                                                                   |
| Local signalling                 | Multi-colour LED power<br>Yellow LED for accessing Flash disk SSD (DISK)                                                                                                                                                                                                                                                           |
| Width                            | 18.9 in (480 mm)                                                                                                                                                                                                                                                                                                                   |
| Height                           | 14.96 in (380 mm)                                                                                                                                                                                                                                                                                                                  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Depth              | 6.02 in (153 mm)                                |
| Cut-out dimensions | 459.5 (+/- 0.5) x 359.5 (+/- 0.5) x 1.6...10 mm |
| Product weight     | 32.25 lb(US) (14.63 kg)                         |
| Main type          | Universal                                       |

## Environment

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection               | IP65 front panel conforming to EN/IEC 60529                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NEMA degree of protection             | NEMA 4X front panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| product certifications                | CE<br>C-Tick<br>GOST<br>Marine GL Bridge with line filter HMIYLFIMAR11<br>CULus 508<br>CULus CSA 22-2 No 142<br>CULus HazLoc Class I Division 2 UL 1604<br>CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01<br>CULus HazLoc Class I Division 2 CSA 22-2 No 213<br>REACH<br>RoHS                                                                                                                                                                                                           |
| pollution degree                      | 2 EN/IEC 61131-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| electromagnetic compatibility         | Immunity to electromagnetic emissions class A EN 55022<br>Immunity to electromagnetic emissions class A EN 55011<br>Immunity to high frequency interference EN/IEC 61131-2<br>Immunity to high frequency interference EN/IEC 61000-4-x                                                                                                                                                                                                                                                     |
| ambient air temperature for operation | 32...122 °F (0...50 °C) vertical installation conforming to EN/IEC 61131-2<br>32...122 °F (0...50 °C) vertical installation conforming to UL 508<br>0...45 °C vertical installation when using RAID option conforming to EN/IEC 61131-2<br>0...45 °C vertical installation when using RAID option conforming to UL 508<br>5...45 °C vertical installation when using DVD writer conforming to EN/IEC 61131-2<br>5...45 °C vertical installation when using DVD writer conforming to UL 508 |
| ambient air temperature for storage   | -4...140 °F (-20...60 °C) conforming to IEC 60068-2-14 test Na<br>-4...140 °F (-20...60 °C) conforming to IEC 60068-2-2 test Bb                                                                                                                                                                                                                                                                                                                                                            |
| relative humidity                     | 10...85 % conforming to EN/IEC 60068-2-78<br>10...85 % conforming to EN/IEC 60068-2-30                                                                                                                                                                                                                                                                                                                                                                                                     |
| operating altitude                    | 6561.68 ft (2000 m) conforming to EN/IEC 61131-2                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| vibration resistance                  | 1.75 mm 2...9 Hz continuous conforming to EN/IEC 60068-2-6 Fc<br>3.5 mm 2...9 Hz intermittently conforming to EN/IEC 60068-2-6 Fc<br>0.5 gn 9...200 Hz continuous conforming to EN/IEC 60068-2-6 Fc<br>1 gn 9...200 Hz intermittently conforming to EN/IEC 60068-2-6 Fc<br>1 mm 3...13.2 Hz continuous conforming to EN/IEC 60068-2-6 Fc<br>0.7 gn 13.2...100 Hz continuous conforming to EN/IEC 60068-2-6 Fc                                                                              |
| shock resistance                      | 15 gn 11 ms conforming to IEC 60068-2-27, Ea tests                                                                                                                                                                                                                                                                                                                                                                                                                                         |

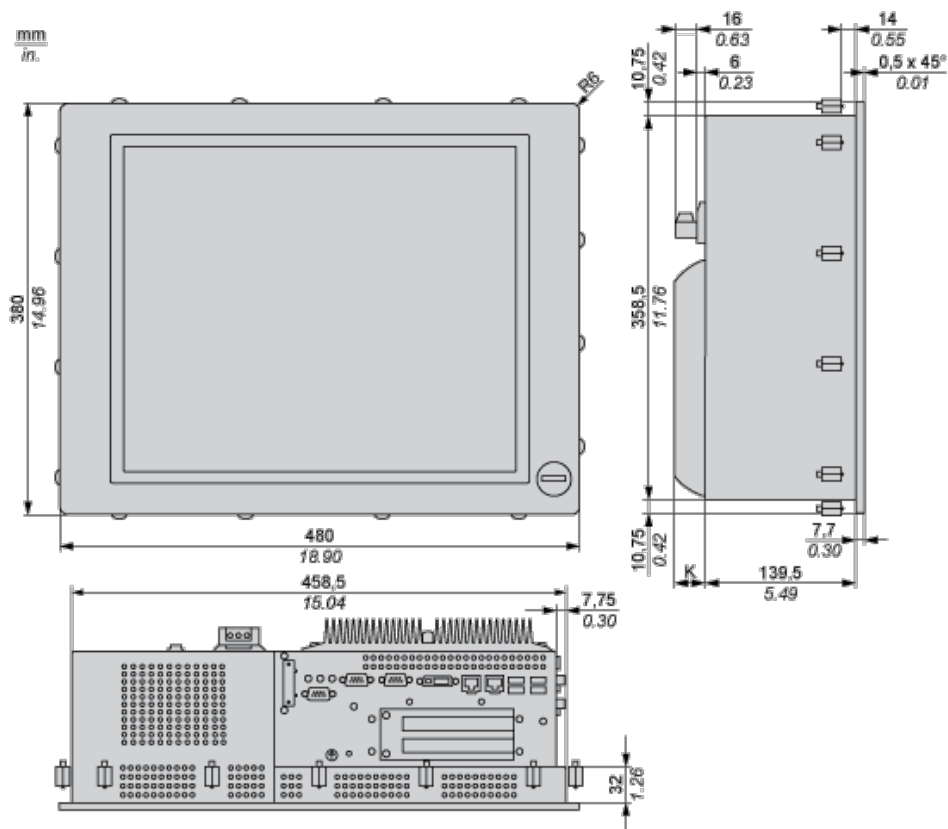
## Offer Sustainability

|                                                                       |                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Not Green Premium product                                             | Not Green Premium product                                             |
| Compliant - since 1148 - Schneider Electric declaration of conformity | Compliant - since 1148 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Dimensions

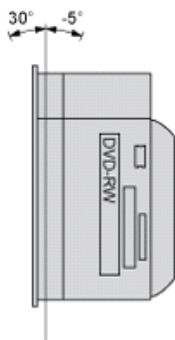


K : 12.8 mm / 0.50 in.

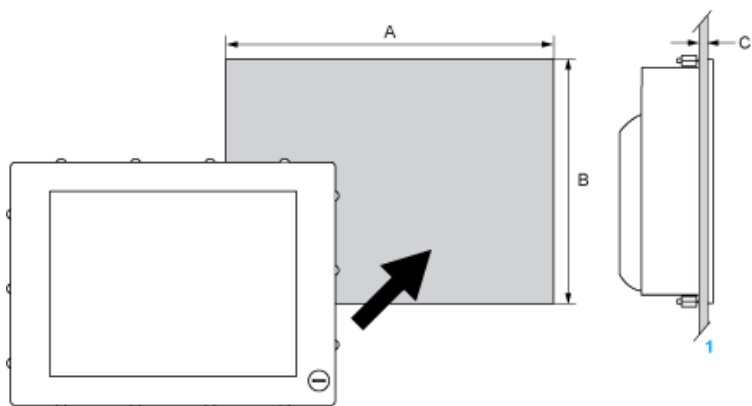
## Spacing Requirements

| Top, Bottom and Rear Sides                                                                       | Left and Right Sides |
|--------------------------------------------------------------------------------------------------|----------------------|
| <p>1 Air out</p> <p>2 Air in</p>                                                                 |                      |
| <p>x1 &gt; 100 mm (3.93 in.)</p> <p>x2 &gt; 50 mm (1.96 in.)</p> <p>x3 &gt; 10 mm (0.39 in.)</p> |                      |

## Mounting Orientation



## Panel Cut Dimensions



1 Installation panel

| A                                 | B                                 | C                             |
|-----------------------------------|-----------------------------------|-------------------------------|
| 459.5 ± 0.5 mm (18.09 ± 0.02 in.) | 359.5 ± 0.5 mm (14.15 ± 0.02 in.) | 1.6...10 mm (0.06...0.39 in.) |