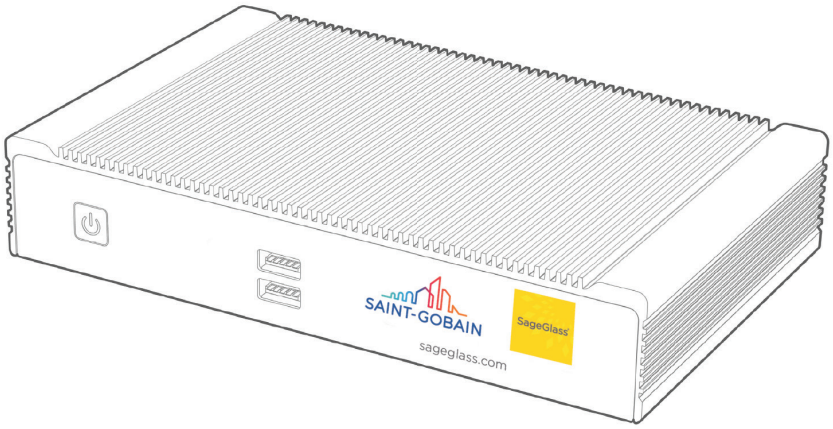
SageGlass
SAINT-GOBAIN

# Product Sheet:
## Industrial Computer

The Industrial Computer houses the SageGlass Controls System's intelligence, SageGlass Maestro®. Maestro uses a predictive algorithm that considers multiple, project-specific inputs, along with exterior sensor readings, for automated tinting that consistently delivers occupant comfort and energy savings year round.




## Product Dimensions

| Dimensions | | | Power Requirements | | |
|---|---|---|---|---|---|
| Width | Length | Height | Voltage | Frequency | Peak Power |
| 196 mm | 122 mm | 36 mm | 100-240 VAC | 50 - 60 Hz | 45W |

## Part Numbers

| Part Number | Plug Type | Used in countries, such as: |
|---|---|---|
| 300-1192-001 | B | Canada, Japan, Mexico, United States |
| 300-1192-002 | C | Bolivia |
| 300-1192-003 | D | India |
| 300-1192-004 | E | Belgium, Czech Republic, France, Poland |
| 300-1192-005 | F | Germany, Netherlands, South Korea, Spain |
| 300-1192-006 | G | Kuwait, Qatar, Saudi Arabia, Singapore, UAE, UK |
| 300-1192-007 | I | Australia, China, New Zealand |
| 300-1192-008 | J | Switzerland |
| 300-1192-009 | K | Denmark |
| 300-1192-010 | L | Italy |
| 300-1192-011 | N | Brazil |

## Product Ratings

CE FC c UL US LISTED Pb lead-free RoHS

SAINT-GOBAIN

## Package Includes

1. Industrial Computer
2. Wall mounting kit
3. DIN Rail mounting kit
4. Power Adaptor with interchangeable plug

## Tools and Materials required

1. 0.25 cm drill bit
2. 1.9 cm  hole saw or speed bore
3. #1 Phillips screwdriver (or drill with #1 Phillips bit)

## System Requirements

The Industrial Computer communicates to the SageGlass Symphony™ Control System via Ethernet and receives power via AC/DC power adaptor.

1. Do not open or modify the device. The device has been tested and complies with FCC and CE regulations. Modification of the device will void these certifications.
2. Install the device securely. Be careful handling the device to prevent injury and do not drop.
3. Wall or ceiling mounting of the device requires a pair of mounting brackets. Use the brackets provided.
4. Use M3x0.5mm Flat Head screws to attach mounting brackets to threaded holes on bottom of chassis.
5. Operational temperature must be between 0-40 °C, with a noncondensing relative humidity of 10-90%.
6. The device can be stored at temperatures between 0-60 °C.
7. Keep the device away from liquids and flammable materials.
8. Do not clean the device with liquids. The chassis can be cleaned with a cloth.
9. Allow at least 5 cm of space around all sides of the device for proper cooling. If device is mounted to a vertical surface, then the heatsink fins should be oriented vertically. Alternative orientations may result in reduced operational temperature range.
10. This device is intended for indoor operation only.
11. For commercial applications, use Ethernet cables, category CAT5e or above.
12. For residential applications, use shielded Ethernet cables, category CAT5e or above.

# Wall Mounting Installation

## Step 1:

Attach wall mount brackets to chassis.

## Step 2:

Mark and prep holes in surface for mounting.

For mounting screws:

a. If surface is wood, mark screw locations and drive screws directly into mounting surface.

b If surface is metal, drill pilot holes using 0.25 cm drill bit.

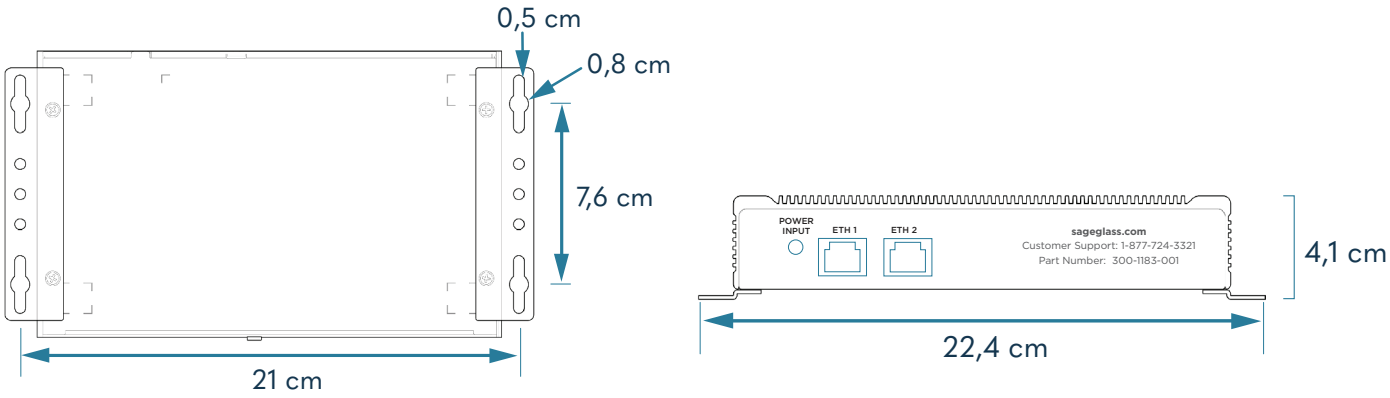



Figure 1: Wall Mounting Hole Pattern

## Step 3:

Using the Phillips screwdriver or drill, tighten the four screws on the mounting bracket.

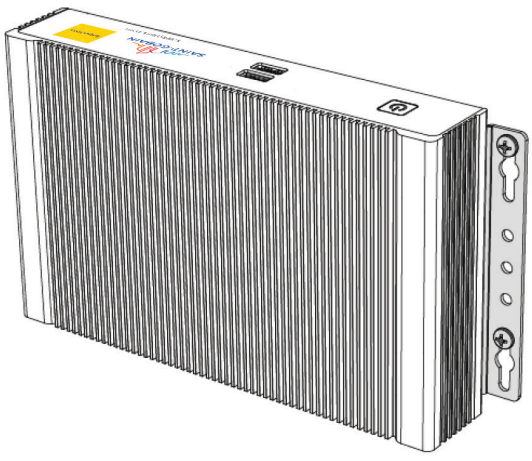


Figure 2: Wall Mounting Installation

## Din Rail Mounting Installation

### Step 1:
Attach wall mount brackets to chassis.

### Step 2:
Attach DIN Rail Clips to mounting brackets using Phillips screwdriver.

### Step 3:
Clip system to the DIN Rail.

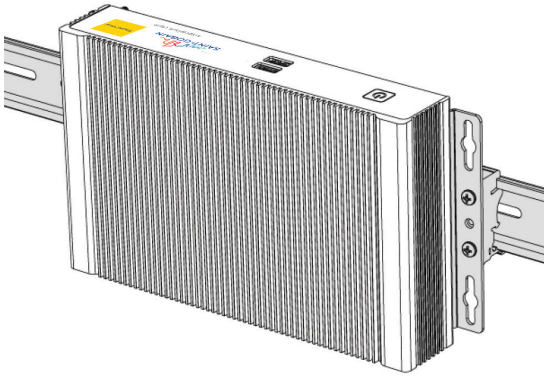


Figure 3: Din Rail Installation

## Connecting Data & Power Cables

### Step 1:
Connect Ethernet cables to the Industrial Computer.

a. Use ETH1 to connect SageGlass Symphony Controls.

b. Use ETH2 for connection to the SageGlass provided firewall

### Step 2:
Connect Power Adaptor to Industrial Computer. The computer will turn on automatically once power is applied.

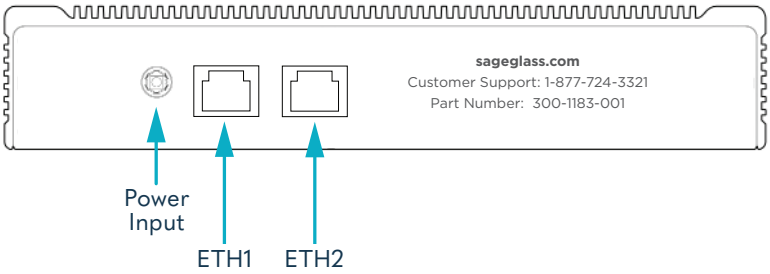



Figure 4: Cable Connections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