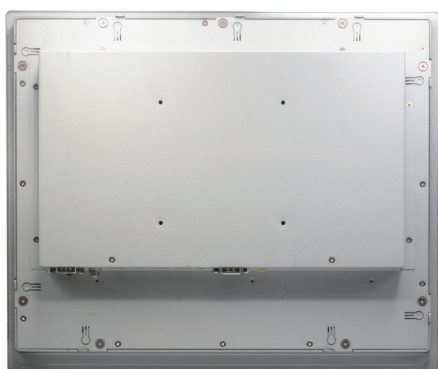


## Features

- 15" (1024 x 768) TFT LCD Display
- Intel® Celeron® Processor J1900 2.00 GHz
- Flat 5-Wire Resistive Touch Screen
- IP65 Compliant Aluminum Front Bezel
- Fanless Operation
- Internal Full-size Mini-Card x 1/ Half-size Mini-Card x 1 for Expansion

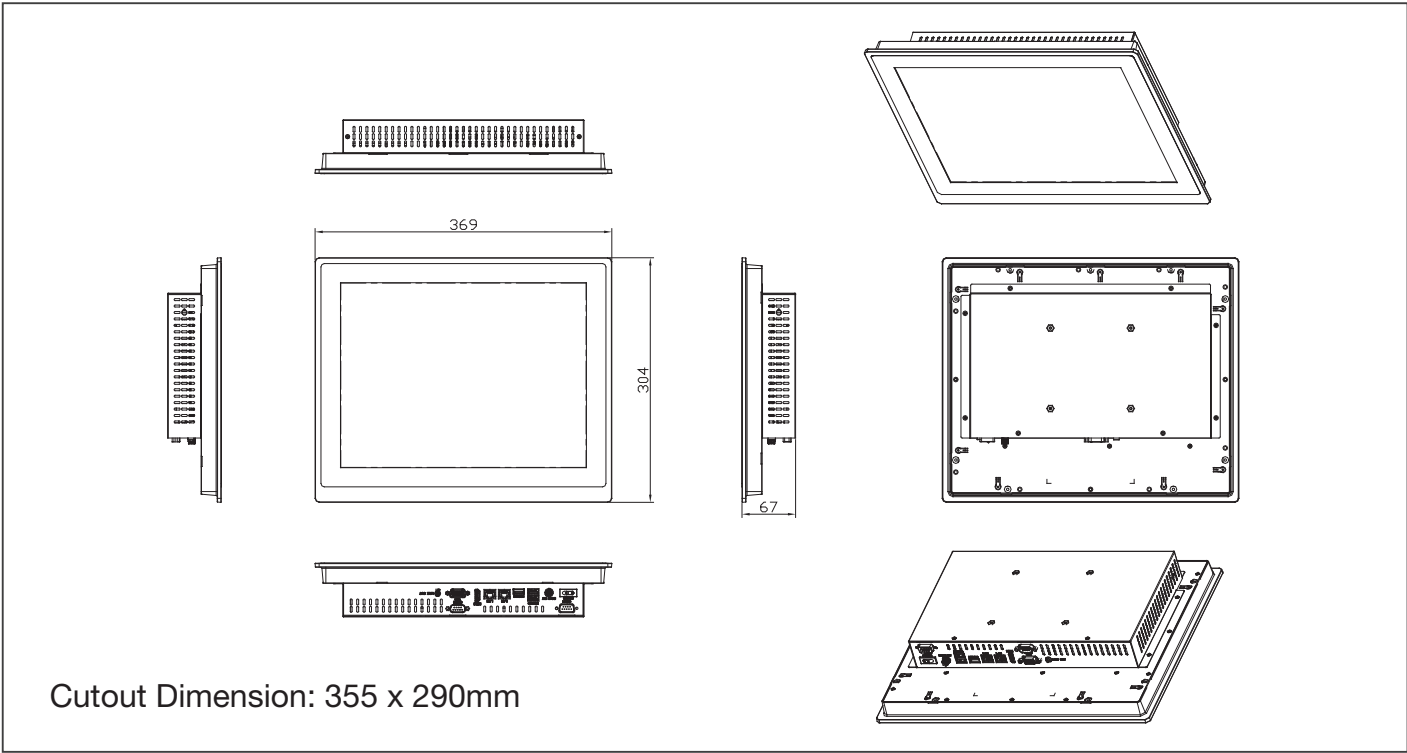


## Specifications

| System                  |                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor               | Intel® Celeron® J1900 Processor 2.00 GHz                                                                                                                                                                                                              |
| System Memory           | DDR3L 1333 MHz SODIMM x 2 up to 8 GB                                                                                                                                                                                                                  |
| LCD/CRT Controller      | —                                                                                                                                                                                                                                                     |
| Ethernet                | Realtek PCIe Gb LAN 8111G x 2                                                                                                                                                                                                                         |
| I/O Port                | USB 2.0 Type A x 2<br>USB 3.2 Gen 1 Type A x 1<br>DB-9 Type RS-232/422/485 x 1<br>DB-9 Type RS-232 x 1<br>RJ-45 Type for 10/100/1000 Base-TX x 2<br>DB-15 x 1 for VGA<br>HDMI x 1<br>Audio Jack x 1 for Line out<br>DC Jack x1 for 12 Vdc power input |
| Storage Disk Drive      | 2.5" SATA HDD bay x 1                                                                                                                                                                                                                                 |
| Expansion Slot          | Internal Full-size Mini-Card x 1 / Half-size Mini-Card x 1                                                                                                                                                                                            |
| OS Support              | Windows® 7, Windows® 8, Windows® 10, Linux kernel 2.6.x or higher                                                                                                                                                                                     |
| Mechanical              |                                                                                                                                                                                                                                                       |
| Construction            | Aluminum design (IP65 Front Frame)                                                                                                                                                                                                                    |
| Mounting                | VESA 100x100 / Panel Mount                                                                                                                                                                                                                            |
| Dimension               | 14.53" x 12" x 2.63" (369mm x 304mm x 67mm)                                                                                                                                                                                                           |
| Carton Dimension        | 20.08" x 9.84" x 18.11" (510mm x 250mm x 460mm)                                                                                                                                                                                                       |
| Gross Weight            | 12.12 lb (5.5 kg)                                                                                                                                                                                                                                     |
| Environmental           |                                                                                                                                                                                                                                                       |
| Operating Temperature   | 14°F ~ 131°F (-10°C ~ 55°C) with 0.5 m/s airflow                                                                                                                                                                                                      |
| Storage Temperature     | -4°F ~ 158°F (-20°C ~ 70°C)                                                                                                                                                                                                                           |
| Storage Humidity        | 90% @40°C; non-condensing                                                                                                                                                                                                                             |
| Vibration               | 1 Grms/ 5~500Hz/random operation                                                                                                                                                                                                                      |
| Shock                   | —                                                                                                                                                                                                                                                     |
| EMC                     | CE/FCC Class A                                                                                                                                                                                                                                        |
| Power Supply            |                                                                                                                                                                                                                                                       |
| DC input                | 12V DC in                                                                                                                                                                                                                                             |
| LCD                     |                                                                                                                                                                                                                                                       |
| Display Type            | 15" TFT-LCD, LED                                                                                                                                                                                                                                      |
| Max Resolution          | 1024 (H) x 768 (V)                                                                                                                                                                                                                                    |
| Max. Colors             | 16.2M color                                                                                                                                                                                                                                           |
| Luminance               | 300 cd/m <sup>2</sup>                                                                                                                                                                                                                                 |
| Viewing Angle           | 176° (H), 176° (V)                                                                                                                                                                                                                                    |
| Back Light              | LED                                                                                                                                                                                                                                                   |
| Back Light MTBF (Hours) | 70,000                                                                                                                                                                                                                                                |
| Touchscreen             |                                                                                                                                                                                                                                                       |
| Type                    | 5-wire resistive                                                                                                                                                                                                                                      |
| Light Transmission      | 80% ± 2%                                                                                                                                                                                                                                              |

Dimension

Unit: mm



OMNI Series : Modular Touch Panel Solutions

Ordering Information

| Part Number              | Item     | Display Type | Max Resolution | Luminance | View Angle         | Backlight MTBF (Hours) | CPU                          | LAN | USB 2.0 | USB 3.2 Gen 1 | RS-232 | RS-485/422/232 | Storage           | RAM               | Display             | Expansion                             | Mounting              | Power  | Temp.                   | Touch            | OMNI I/O Module Support |
|--------------------------|----------|--------------|----------------|-----------|--------------------|------------------------|------------------------------|-----|---------|---------------|--------|----------------|-------------------|-------------------|---------------------|---------------------------------------|-----------------------|--------|-------------------------|------------------|-------------------------|
| OMNI-5155LHTT-BT-A1-1011 | Panel PC | 15" TFT-LCD  | 1024 x 768     | 300 cd/m² | 176°(H)<br>176°(V) | 50,000                 | Intel® Celeron® J1900, 2 GHz | 2   | 2       | 1             | 1      | 1              | 2.5" SATA-HDD x 1 | DDR3L, up to 8 GB | VGA x 1<br>HDMI x 1 | Mini-Card x 2 (Full Size / Half Size) | VESA 100/ Panel mount | DC 12V | -10°C~55°C with airflow | 5-wire resistive | NO                      |

Note: \*RAM not included.  
\*This All-In-One Panel PC not support OMNI I/O modules.

Packing List

- VESA Screws
- Panel Mount Screws
- OMNI-5155L

Optional Accessories

- **AP-0T9789LA1000**  
LCD Monitor Stand 230mm, LA-100
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **125530060Y**  
12V 60W Lockable Power Adapter

Note: All specifications are subject to change without notice.

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