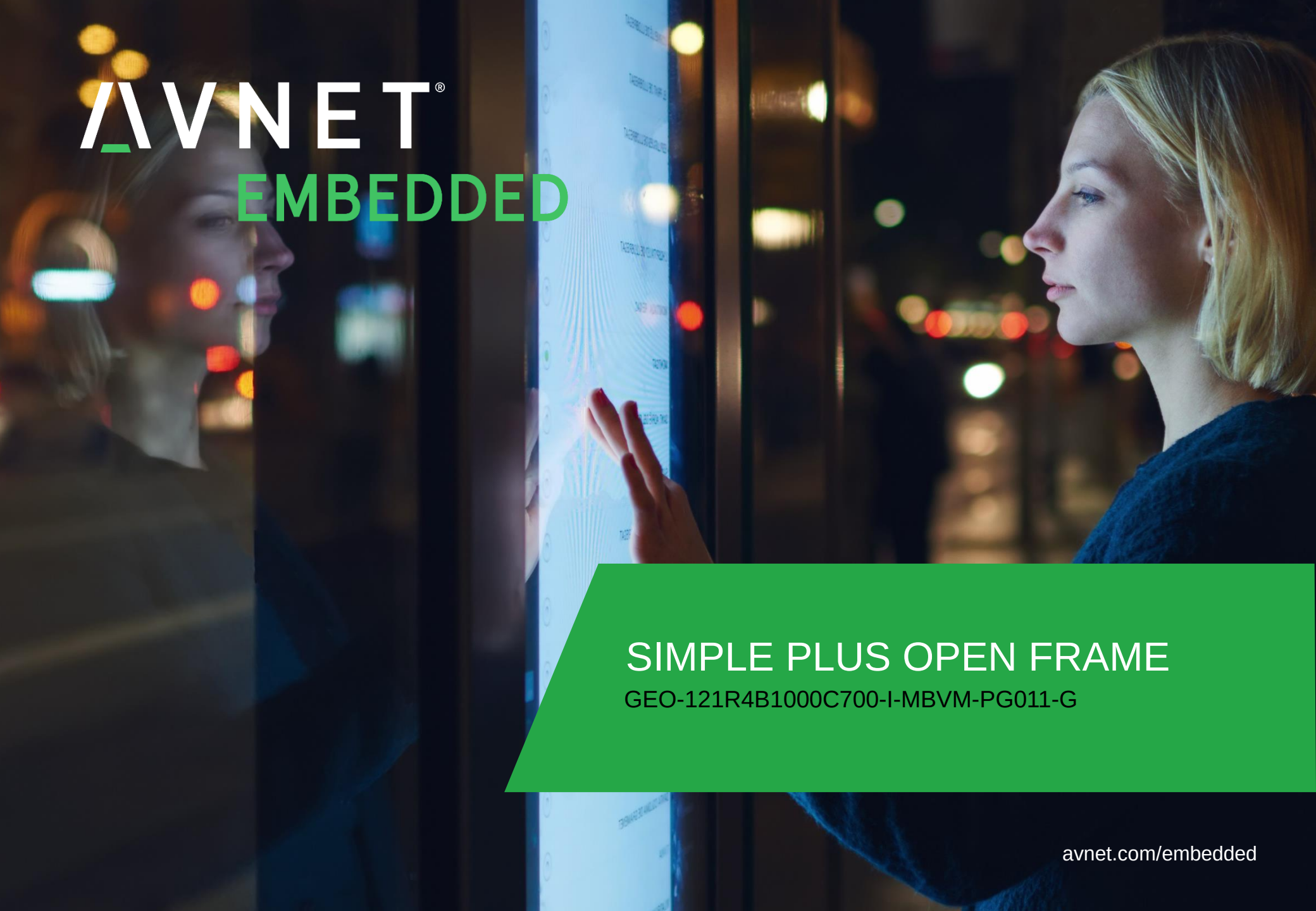


# SIMPLE PLUS OPEN FRAME

GEO-121R4B1000C700-I-MBVM-PG011-G

avnet.com/embedded

# SIMPLE PLUS OPEN FRAME

## GEO-121R4B1000C700-I-MBVM-PG011-G

12.1“ OPEN FRAME

*1 YEAR WARRANTY*

*CERTIFICATIONS : CE , FCC*

**DESCRIPTION**

Avnet Embedded Open Frame provides the answer, handling the entirety of the display design for you and building optimized solutions based on modular combinations of standard displays and TFT multi-touch assemblies. Delivered as a pre-assembled unit that incorporates the power supply, touch controller and other components, an Open Frame is built into a no-bezel metal housing for simple integration into your solution. All-in-one computers are a variation on this approach that add the processor, memory and other components to create a full system. Both allow for flexible mounting options to support an open-ended variety of implementations.

# SIMPLE PLUS OPEN FRAME

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## Advantages

**Six capabilities of Avnet integrated Open Frames and AIO that mean successful solution development**

| | | |
|---|---|---|
| **Compatibility and Ease of Integration** |  | • Integrate with multiple generations and standards of equipment<br>• Implement in environments with space, thermal and other constraints<br>• Customize easily for individual solution requirements |
| **Optimized Human-Machine Interaction** |  | • Tailor display to size, aspect ratio and resolution needed<br>• Control input without external devices such as keyboard or mouse<br>• Support use by operators with gloved hands |
| **Rugged Durability and Longevity** |  | • Offer dependability of low failure rate and long lifespan<br>• Operate in extremes of dust, heat, moisture, shock and vibration<br>• Protect displays against glare, scratches, fingerprints and vibration |
| **Flexible Mounting and Customizability** |  | • Specify options such as processor, video card and interfaces<br>• Mount in enclosure, on equipment, on panel or using VESA<br>• Meet constraints with fanless install and solid state storage |
| **Long-Term Cost-Effectiveness** |  | • Eliminate one-time-engineering costs to develop custom display<br>• Simplify ongoing maintenance with Avnet-engineered solution<br>• Scale system performance with upgradeability when needed |
| **Low Power Consumption and Noise** |  | • Tailor power/performance balance with broad choice of components<br>• Reduce operating noise by eliminating exhaust fans<br>• Avoid pulling in dust and contaminants with passive cooling designs |

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## Technical Data

## GEO-121R4B1000C700-I-MBVM-PG011-G

| Panel Data | |
|---|---|
| Panel Size | 12.1" |
| Display Ratio | 4:3 |
| Resolution | 1024(H) x 768 (V)/60 Hz |
| Color | 8bit, 16.7 Million colors |
| Brightness (nits) | 1000cd/$m^2$ |
| Contrast | 700:1 |
| View Angle | 80/ 80 / 80 / 80 degree |
| Response Time | 5(ms) |
| Backlight | LED |
| Life (hrs) | 50000hours |
| **Touch Screen** | |
| Type | Capacitive touch screen |
| Touch points | 10 points |
| Touch Screen Structure | Glass+Glass(G+G); |
| Cover glass | 1.1mm;black |
| Input Method | Finger or Cap. Stylus |
| Response time | ＜3ms |
| Bonding | optical liquid |
| Hardness | 6H |

# SIMPLE PLUS OPEN FRAME

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## Technical Data

## GEO-121R4B1000C700-I-MBVM-PG011-G

| Specification | |
|---|---|
| Material | Matel material--aluminum(front)+sheet metal(back) |
| Installation | Vesa Mounting |
| HDMI Input | Support 1024i HDMI |
| Speaker | 8Ω1.5W*2 |
| Interface | 1*HDMI;1*VGA;1*DVI;1*USB(for touch) |
| Menu Language | English, Germany, French, Spanish, Russian and Others |
| Power Supply | DC12V |
| Line frequency | 30-80KHZ |
| field frequency | 56-75HZ |
| Operating condition: | Temperature:-20 to +70 degrees Celsius ; Humidity:10-90% |
| Storage condition: | Temperature: -30 to +80 degrees Celsius; Humidity: 10%-90% |

# SIMPLE PLUS OPEN FRAME

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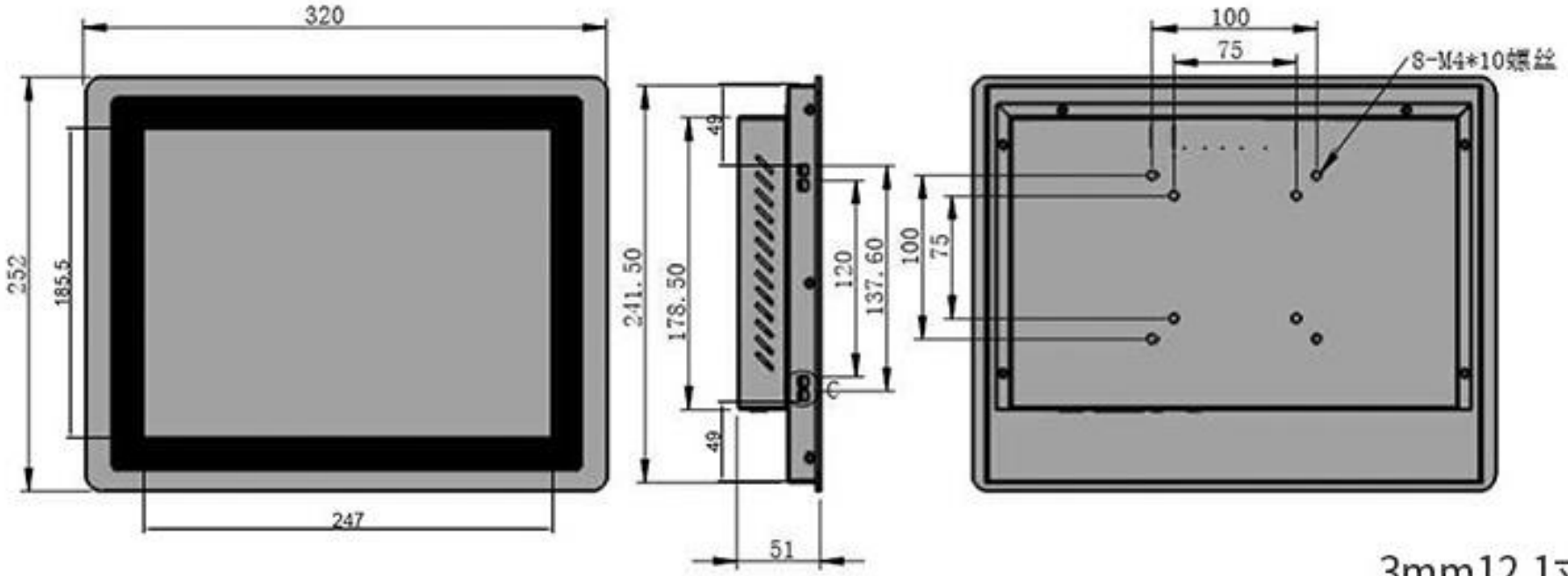
## Product pictures



# SIZE

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