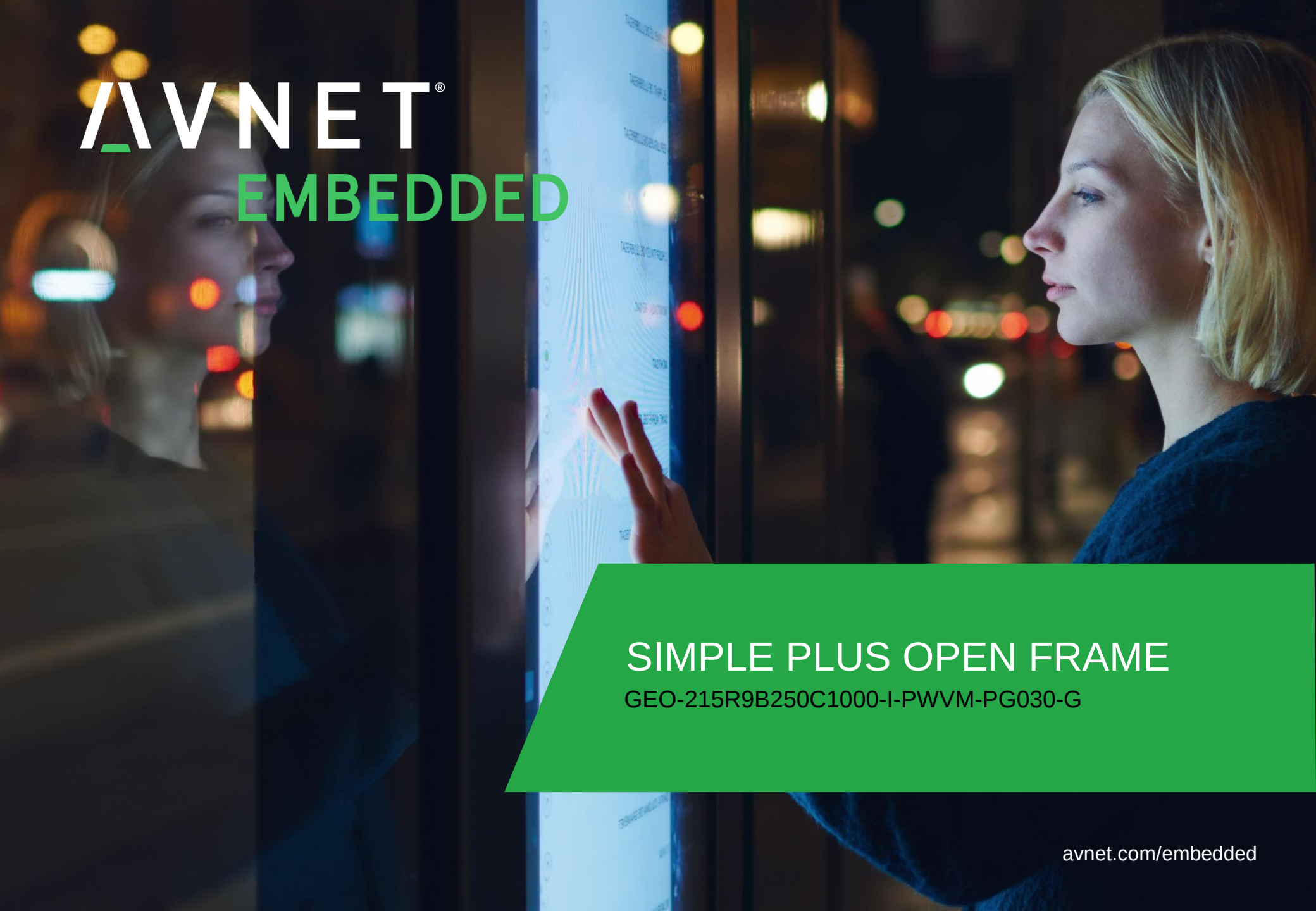
AVNET®
EMBEDDED
SIMPLE PLUS OPEN FRAME
GEO-215R9B250C1000-I-PWVM-PG030-G
avnet.com/embedded

SIMPLE PLUS OPEN FRAME

GEO-215R9B250C1000-I-PWVM-PG030-G

21.5“ 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.

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

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Technical Data

GEO-215R9B250C1000-I-PWVM-PG030-G

Panel Data	
Panel Size	21.5"
Display Ratio	16”9
Resolution	1920(RGB)×1080, FHD, 102PPI
Color	16.7M , 72% NTSC
Working mode	AHVA, transmission
Brightness (nits)	250cd/m2
Contrast	1000:1
View Angle	89/89/89/89 (Typ.)(CR≥10)
Response Time	12/10 (Typ.)(Tr/Td) ms
Backlight	12S4P WLED
Life (hrs)	50000hours
Touch Screen	
Type	Capacitive touch screen
Touch points	10 points
Touch Screen Structure	Glass+Glass(G+G);
Cover glass	3mm;black or white
Input Method	Finger or Cap. Stylus
Bonding	SCA
Surface Hardness	7H

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Technical Data
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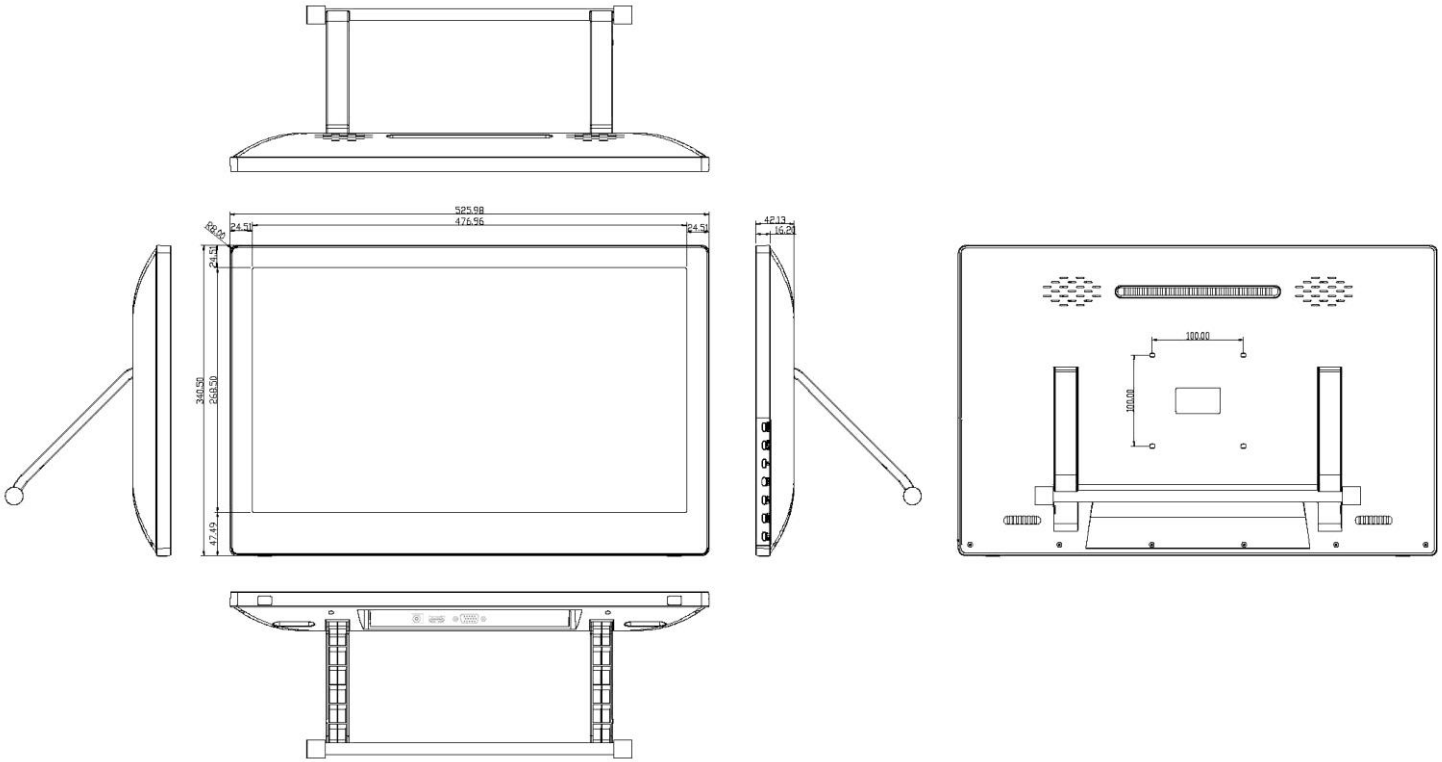
Specification	
Material	Metal material--aluminum
Installation	wall mounted, side mounted
HDMI Input	PC（VGA / HDMI）MAX:1920×1200
VGA Input	PC（VGA / HDMI）MAX:1920×1200
Earphone Input	Support（option）
Speaker	8Ω1.5W*2（option）
Standby power	＜0.8W
Interface	1*HDMI;1*VGA;1*AV(option);1*USB(for touch)
OSD	POWER/ENTER/UP/DOWN/LEFT/RIGHT/EXIT
Menu Language	Multilingual
Power Supply	DC12V
Operating condition:	Temperature:0 to +50 degrees Celsius ; Humidity:10-90%
Storage condition:	Temperature: -20 to +60 degrees Celsius; Humidity: 10%-90%

SIZE



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