

AVNET[®]
EMBEDDED

SIMPLE PLUS OPEN FRAME

GEO-215R9B250C3000-I-MBVM-NG030-G

avnet.com/embedded

GEO-215R9B250C3000-I-MBVM-NG030-G

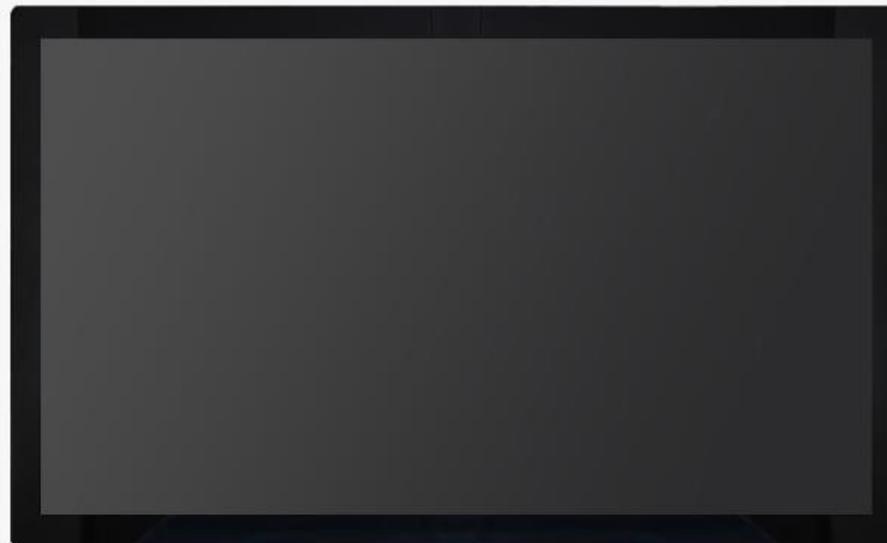
1 YEAR WARRANTY

21.5" OPEN FRAME

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.



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

Technical Data

GEO-215R9B250C3000-I-MBVM-NG030-G

Panel Data	
Panel Size	21.5"
Display Ratio	16:9
Resolution	1920 (H) x 1080 (V)/60 Hz
Color	16.7 Million colors
Brightness (nits)	250cd/m ²
Contrast	3000:1
View Angle	89/ 89 / 89 / 89 degree
Response Time	5(ms)
Backlight	WLED
Life (hrs)	50000hours

Technical Data

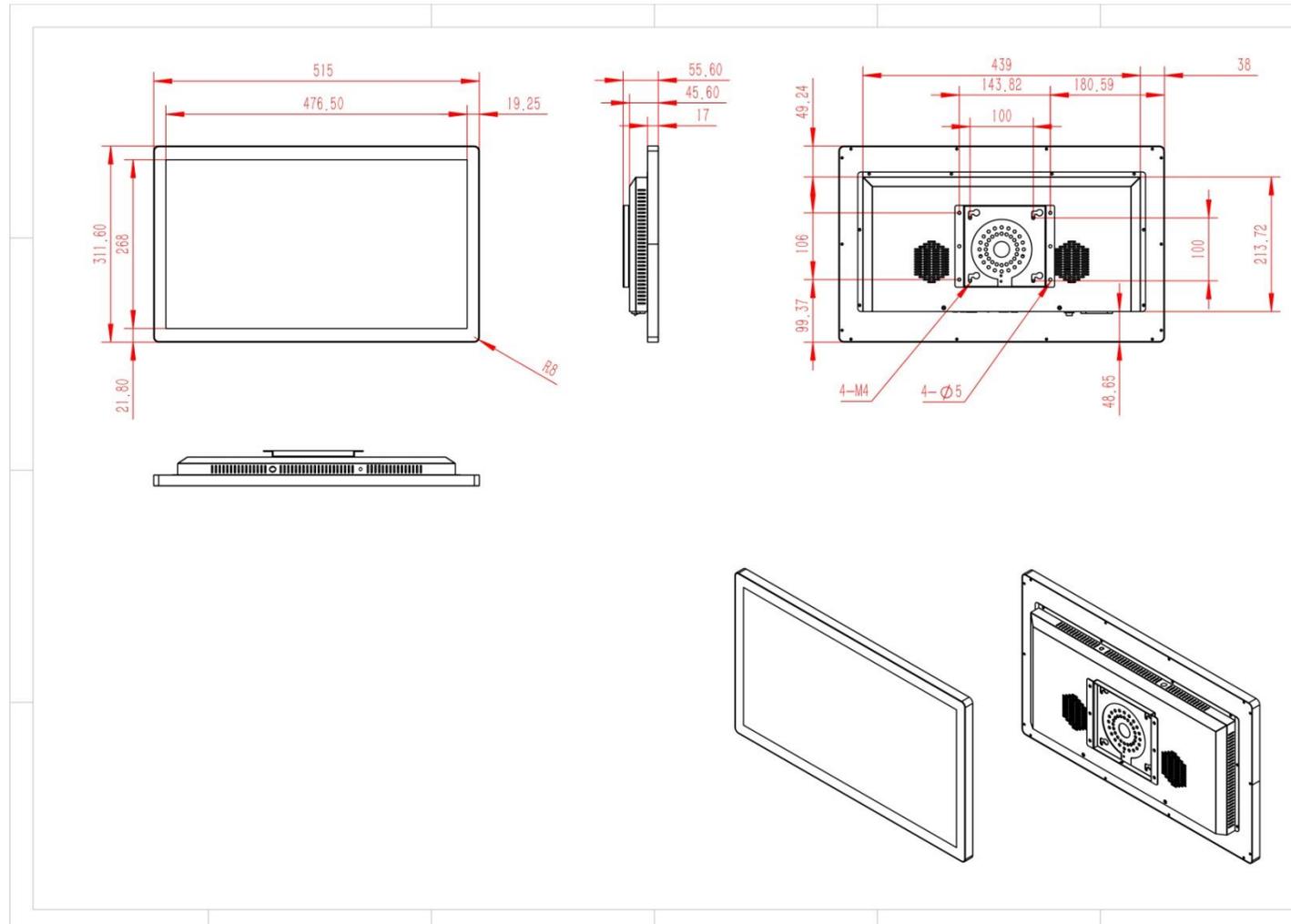
GEO-215R9B250C3000-I-MBVM-NG030-G

Specification	
Material	Metal material
Cover glass	3mm
Touch	None
AUDIO	100Hz~15KHz @ ±3dB (1KHz, 0dB reference signal)
HDMI Input	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
VGA Input	Standard VGA (15 pin D-SUB RGB) input
Earphone Input	Support
Speaker	2×1W(8Ω) THD+N<10%@1KHz
Remote control	Infrared remote control
Language	multi language
Interface	HDMI/VGA/DVI/DC in/USB (touch)
Power Supply	AC 110~220V Reserved 12V power input (not available) Standby Power Consumption < 0.5W(Board Only)
Installation	Mounted
Operating condition:	Temperature:0-50 degrees Celsius ; Humidity:20-80%
Storage condition:	Temperature: -10 to +60 degrees Celsius; Humidity: 20%-80%
Certificate	CE/FCC/ROHS

SIMPLE PLUS OPEN FRAME



SIZE



Avnet Embedded
MSC Technologies GmbH
Industriestr. 16
76297 Stutensee

embedded.avnet.com