



AVNET[®]
EMBEDDED

SIMPLE PLUS OPEN FRAME

GEO-650R10B2000C1200-I-MBVM-NG030-G

avnet.com/embedded

GEO-650R10B2000C1200-I-MBVM-NG030-G

1 YEAR WARRANTY

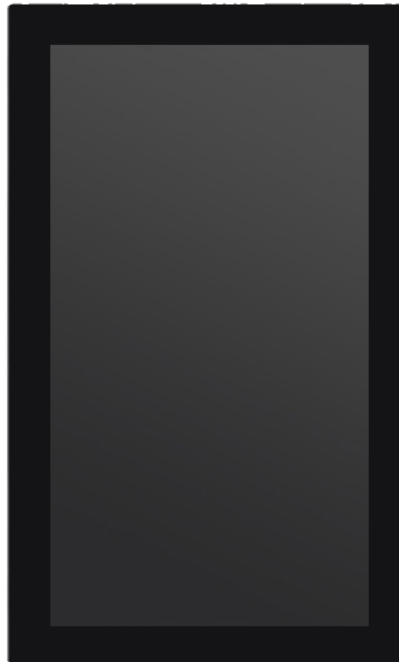
65" OPEN FRAME

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

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Panel Data	
Panel Size	65"
Display Ratio	16:9
Resolution	3840*2160
Display area	1430x805mm
Color	1.07B colors
Brightness (nits)	2000cd/m2
Contrast	1200:1
View Angle	89/89/89/89 (Typ.)(CR≥10)
Backlight	WLED
Life (hrs)	30000hours

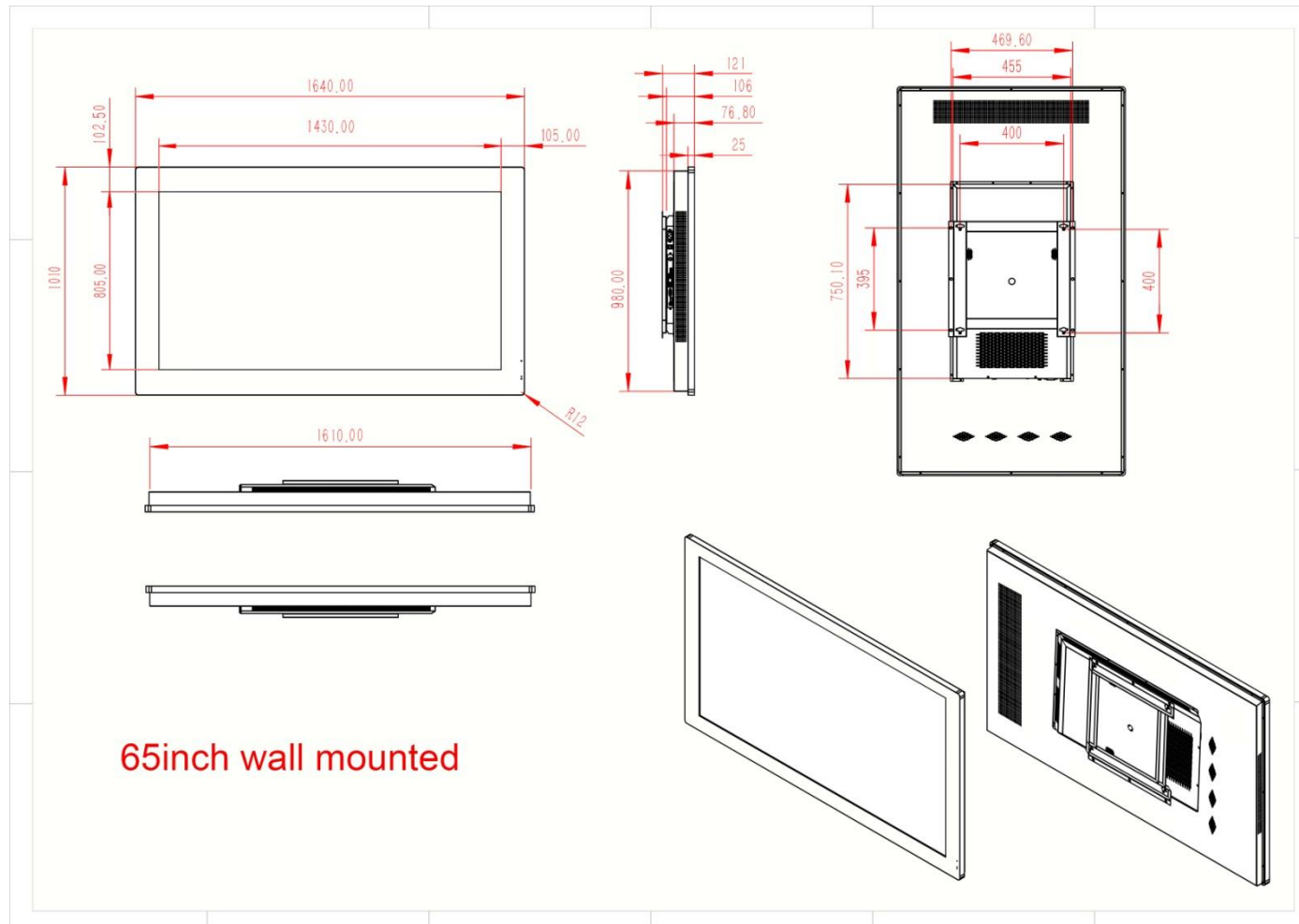
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Specification

Material	Metal material
Installation	Wall mounted
Interfaces	1*DP1.2a (Max. 3840x2160/60Hz)
	1*HDMI2.0 (Max. 3840x2160/60Hz)
	1*HDMI1.4 (Max. 3840x2160/30Hz)
Remote control	infrared remote control
Light sensor	Automatic adjustment of backlight brightness
Speaker	2*8W@8ohms, THDN<10%@1KHz
Language	English, Germany, French, Spanish, Russian and Others
Working	7*24h
Power Supply	AC 110~240V 50/60Hz 40w-60W
Display mode	Portrait mode
Touch	No
Glass thickness	3mm
Operating condition:	temperature:-10-40 degrees Celsius ; Humidity:20-80%
Storage condition:	temperature: -20 to +60 degrees Celsius; Humidity: 20%-80%
IP grade	IP65 front

SIZE



Avnet Embedded
MSC Technologies GmbH
Industriestr. 16
76297 Stutensee

embedded.avnet.com