AVNET®
EMBEDDED

SIMPLE PLUS OPEN FRAME
GEO-070R1B900C500-I-MBPM-PG018-G

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SIMPLE PLUS OPEN FRAME

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7" 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

Technical Data
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Panel Data	
Panel Size	7"
Display Ratio	16:9
Resolution	1024(H) x 600 (V)
Panel type	a-Si TFT-LCD
Color	16.7M
Brightness (nits)	900cd/m^2
Contrast	500:1
View Angle	70/70/50 / 70/ degree
Backlight	LED
Life (hrs)	50000hours
Touch Screen	
Type	Capacitive touch screen
Touch points	5points
Touch Screen Structure	Glass+Glass(G+G);
Cover glass	1.8mm;black
Input Method	Finger or Cap. Stylus
Response time	＜3ms
Bonding	optical liquid
Hardness	6H

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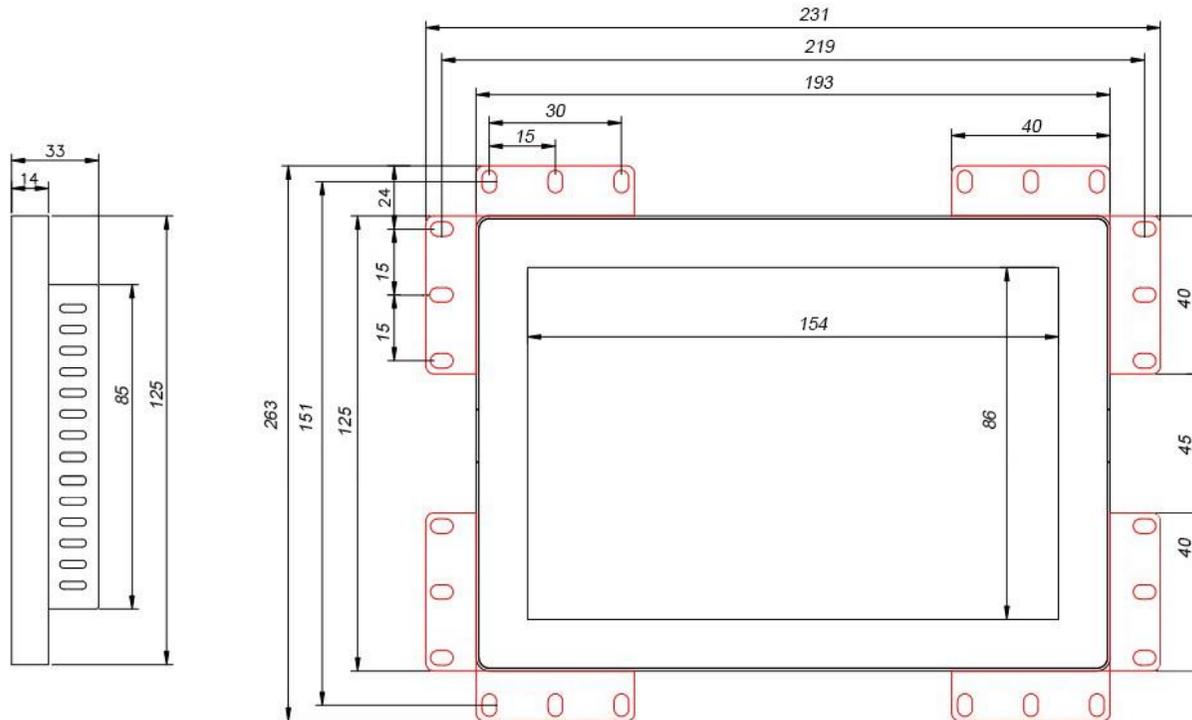| Specification	
Material	Matel material(black)
Installation	Wall Mounting
Speaker	8Ω1W*2
Interface	1*HDMI;1*USB(TOUCH);1*VGA;1*DC-IN
Menu Language	Simplified Chinese, Traditional Chinese, English, French, German, Italian, Spanish, Portuguese, Japanese, Korean (optional)
HDMI input	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Up to 2048×1152@60Hz
VGA input	Standard VGA (15 pin D-SUB RGB) input
KEY FUNCTION	POWER,MENU,VOL+,VOL-,ADJUST/EXIT
Power Supply	DC12V 3A
Operating condition:	temperature:-20-70 degrees Celsius ; Humidity:20-80%
Storage condition:	temperature: -20 to +70 degrees Celsius; Humidity: 20%-80%
Certificate	CE,FCC,ROHS

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SIZE