AVNET®
EMBEDDED

SIMPLE PLUS OPEN FRAME
GEO-101R5B1000C900-O-PG020-G-IP65

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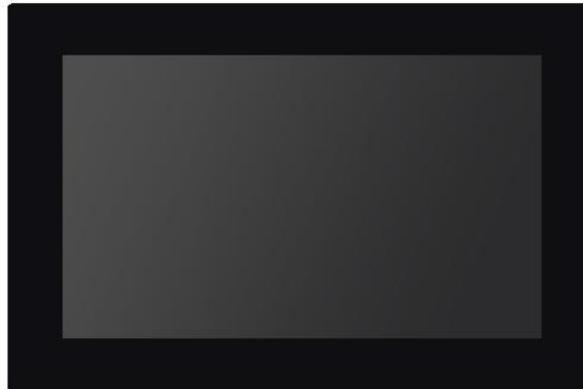
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10.1" OPEN FRAME

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

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
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Panel Data	
Panel Size	10.1"
Display Ratio	16:9
Resolution	1280 (H) x 800 (V)/60 Hz
Color	8bit, 16.7 Million colors
Brightness (nits)	1000cd/m^2
Contrast	900:1
View Angle	80 / 80/ 80 / 80 degree
Response Time	30ms(25℃)
Backlight	WLED
Life (hrs)	50000hours
Touch Screen	
Type	Capacitive touch screen
Touch points	10 points
Touch Screen Structure	Glass+Glass(G+G);
Cover glass	2mm;black AR+AF
Input Method	Finger or Cap. Stylus
Bonding with TFT	OCA
Surface Hardness	6H

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Specification	
Material	Metal
Installation	VESA
HDMI Input	Support 1024i HDMI
Speaker	8Ω2W*2
Cable	1*HDMI;1*DC_IN;1*USB(for touch)
Menu Language	English, Germany, French, Spanish, Russian and Others
Power Supply	DC9~24V (Default 12V)
Waterproof grade	IP65 for all
certificate	CE/ROHS/FCC
Operating condition:	Temperature:-20 to +60 degrees Celsius ; Humidity:10%-100%
Storage condition:	Temperature: -20 to +70 degrees Celsius; Humidity: 10%-100%

SIZE

10.1"1280*800;1000CD;ALL IP65

CABLE HOLE (POWER/HDMI/USB)

LIGHT SENSOR

260.3

216.96

178.2

135.5

R6.24

20 25

4.5

226.3

144.2

100

75

100

75.1