R19L100-MLA3
19" G-WIN Defence Display

KEY FEATURES

- 19" 1280 x 1024 resolution
- Compliant MIL-STD 810G/ MIL-STD 461E
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Convenient on-screen display controls
- Wide operating temperature -40℃~70℃
- Power input 9~36 V DC with isolation
- Supports VESA mount
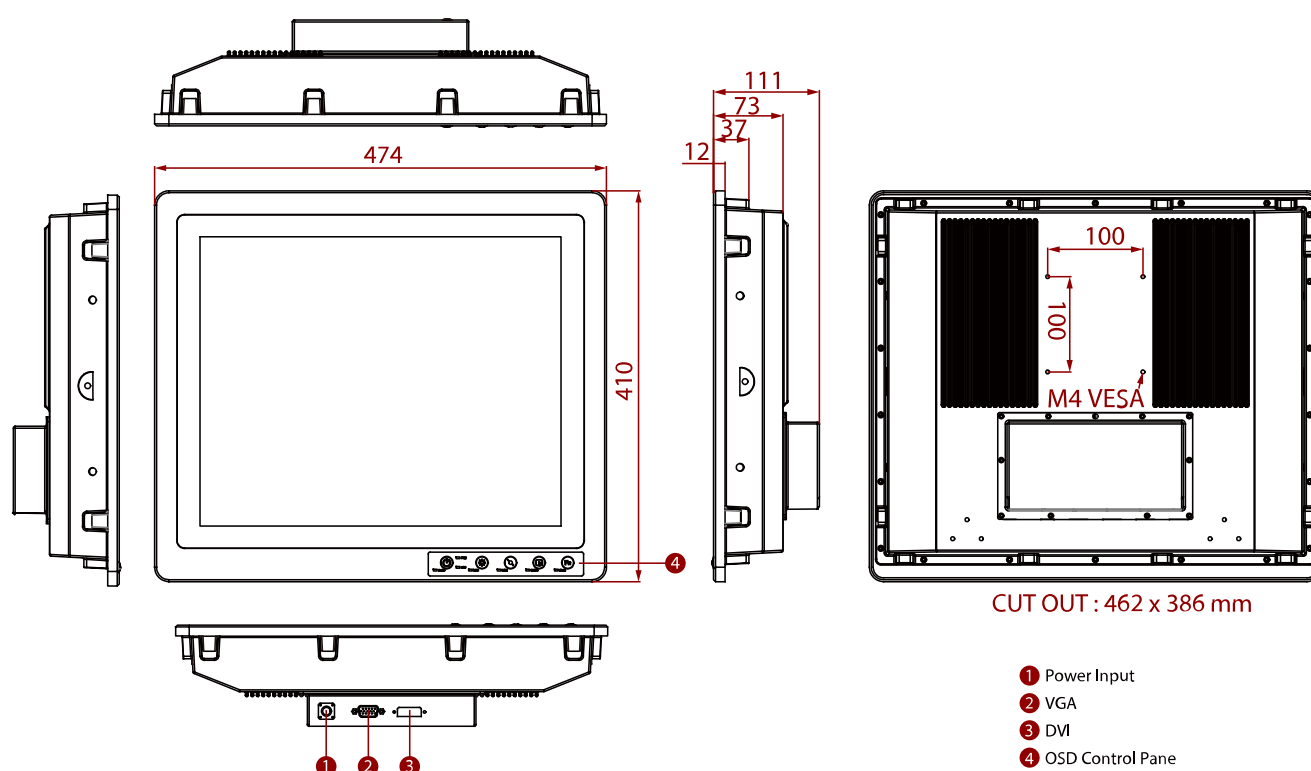- Built-in intelligent heater design
- Support PIP Function

SPECIFICATIONS

Display

Resolution	1280x1024	**Size**	19 inches
Contrast Ratio	1000:1	**Panel Brightness**	350 nits
Display Color	16.7M Colors	**View Angles**	85,85,80,80
Active Area	376.32x301.06 mm	**Touch / Glass**	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)

Environment

Operating Humidity	10% to 95% RH	**Operating Temperature**	-40℃~70℃
Storage Temperature	-40℃~70℃	**Shock**	Operating:30g for 18ms
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz		

Compliance

MIL-STD 461E/F	RE101 / RE102 CE101 / CE102 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	**MIL-STD 810F/G**	Vibartion Method 514.5 Humidity Method 507.4 Transit Drop Method516.5

Certification

Certification	CE, FCC

IO Ports

Serial Port	1 x RS232 Remote Control (Optional)	**Video**	1 x D-Sub 15 VGA 1 x DVI-D

Mechanical

Dimension	474 x 410 x 111 mm	**Mounting**	VESA Mount/ Wall Mount
Enclosure	Metal Housing with Aluminum Bezel	**Cooling System**	Fanless Design

Accessory

Accessory	User Manual AC Adapter 12V/ 84W

Open Wire Cable
Power Converter Cable, 0.15m
VGA, 1.8m
DVI Cable, 1.8m
COM Cable, 1.8m

Power	
Power Rating	9~36V DC Power input with isolation

Control	
Button	8 key: Power Menu Auto Volume Up/ Swap Volume Down/ PIP Brightness Up Brightness Down LED Adjustment

DIMENSIONS UNIT:MM

474
410
111
73
37
12
4

100
100
M4 VESA

CUT OUT : 462 x 386 mm

1 2 3

1 Power Input
2 VGA
3 DVI
4 OSD Control Pane

NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. If you require an external test report, Winmate will charge an NRE fee.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.