

**FLAT PANEL DISPLAY 19-inch  
GPD-U64EM-DC2**



This product is a 19-inch On-Screen Display with a high-performance touch screen. As an indicator you can touch the screen with your finger and operate like a tablet PC, this product can be used to control production lines, provide work instructions, manage access, in addition to operate industrial devices through the screen.

- \* The contents in this document are subject to change without notice.
- \* Visit the CONTEC website to check the latest details.
- \* Visit the CONTEC website to check the latest OS.
- \* The information in the data sheets is as of July, 2020.

**Specification**

**Function Specifications**

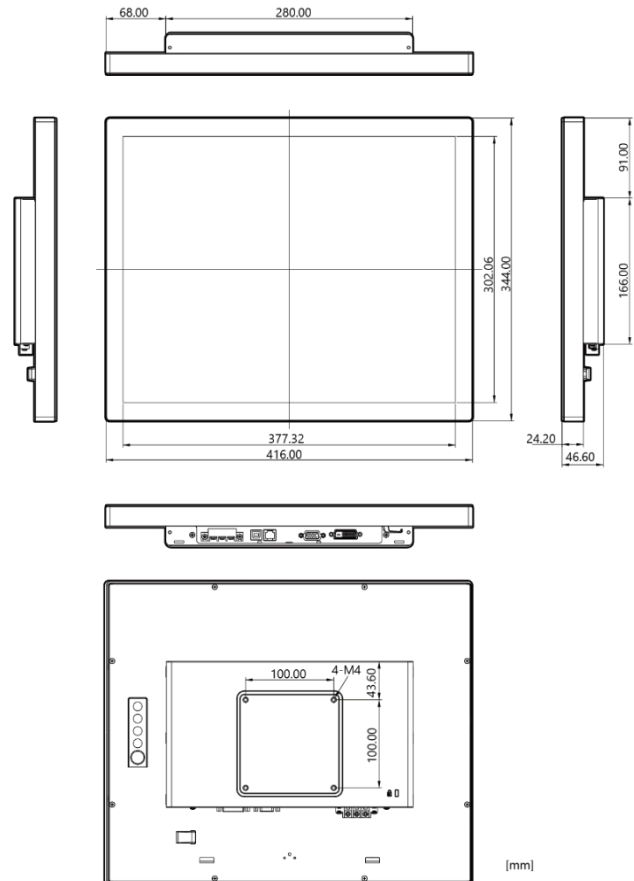
Item	Description
<b>Display Specifications</b>	
Panel type	19-inch non-glare treatment TN panel
Resolution (max)	1,280 x 1,024
Contrast ratio	1000 : 1
Luminance (Back light type)	225 nits (Projected capacitive)
View angle	H:170°, V:160°
<b>Touch screen specifications</b>	
Touch screen	Projected capacitive
Touch points	10
Touch screen interface	USB-HID (Type B)
<b>I/O port</b>	
USB port	1 x USB 2.0 (Type B) For Touch screen interface (USB = HID)
Video port	1 x VGA (15-pin HD-SUB), 1 x DVI
Audio port	N.A.
Power input	24VDC±10%, 3 terminals (with covers)
<b>Other</b>	
Compatible OS	Windows10 IoT Enterprise
Chassis color	Black (Background color : Black)
Structure	Glass, metal
Dust-proof, Drip-proof	Display front side IP65
Physical dimensions (mm)	416.0(W) x 344.0(H) x 46.6(D)
Weight	4.4 kg
VESA	100 x 100 mm
Power consumption	20W (Typ.) (24VDC, 0.83A) 25W (Max.) (24VDC, 1.04A)

**Environment Requirements**

Item	Description	
Operating temperature	0 - +40°C	
Operating Humidity	20 - 80%RH (No condensation)	
Non-operating ambient temperature	-20 - +60°C	
Non-operating ambient humidity	10 - 90%RH (No condensation)	
Floating dust particles	Not to be excessive	
Corrosive gases	None	
Vibration resistance	Sine wave vibration	0.25G 0 to Peak, 10 to 500Hz, 0.25 octave / minute sweep rate. This requires one sweep of 10 to 500 to 10 Hz for each of the three axes
	Random vibration	0.002 G2 / Hz, 10 to 500Hz, nominal 1.0 Grms. The test should be 30- minute-long for each axis
Shock resistance	Half-sine shock	30G-peak acceleration 2 milliseconds duration 3 axes each The number of shock inputs in each direction should be sufficient so that the performance of the monitor can be evaluated
	Square wave shock	50G peak acceleration, 180 inches / second velocity change. Once for each axis, the total of 6 shock inputs
Standard	VCCI Class B, FCC Class B, CE Marking (EMC Directive Class A, RoHS Directive) *1, CCC	
Regulation	RoHS Directive (includes the bundled cables)	

\*1 In order to suit CE standards, DVI cable length uses a thing of 3 m or less.

**Physical Dimension**

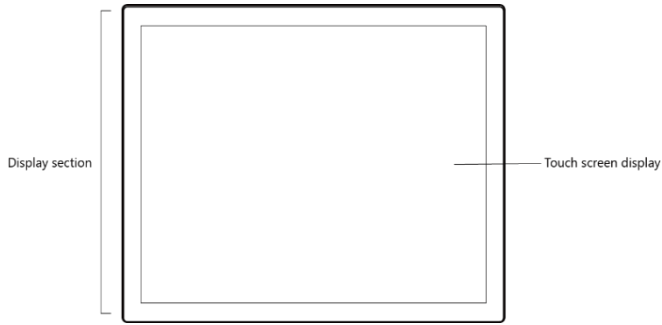


**Packing List**

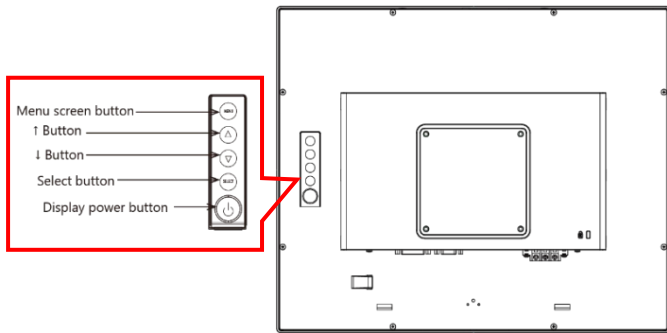
- Product...1
- Product Guide ...1
- Warranty Certificate...1
- USB Cable For Touch Screen 1.8m (A – B type)...1
- VGA Cable 1.8m...1

**Nomenclature of Product Components**

**Front**



**Rear**



**Bottom**

