



# OPM-1500/1560/1700/1850/1900

15"/15.6"/17"/18.5"/19"

Open Frame Monitor



- 15"/17"/19" square-screen (4:3/5:4) open frame LCD display
- 15.6"/18.5" widescreen (16:9) open frame LCD display
- 1x HDMI, 1x DVI-D, 1x VGA for video input
- Optional 1x COM for touch functionality (15"/17"/19" models)
- Optional 1x USB2.0 for touch functionality (15.6"/18.5" models)



## Product Overview

The OPM-1500/1560/1700/1850/1900 is a collection of open frame monitors having a screen size ranging from 15" to 19". 15.6" and 18.5" models are widescreen and enable multiple windows or convenient

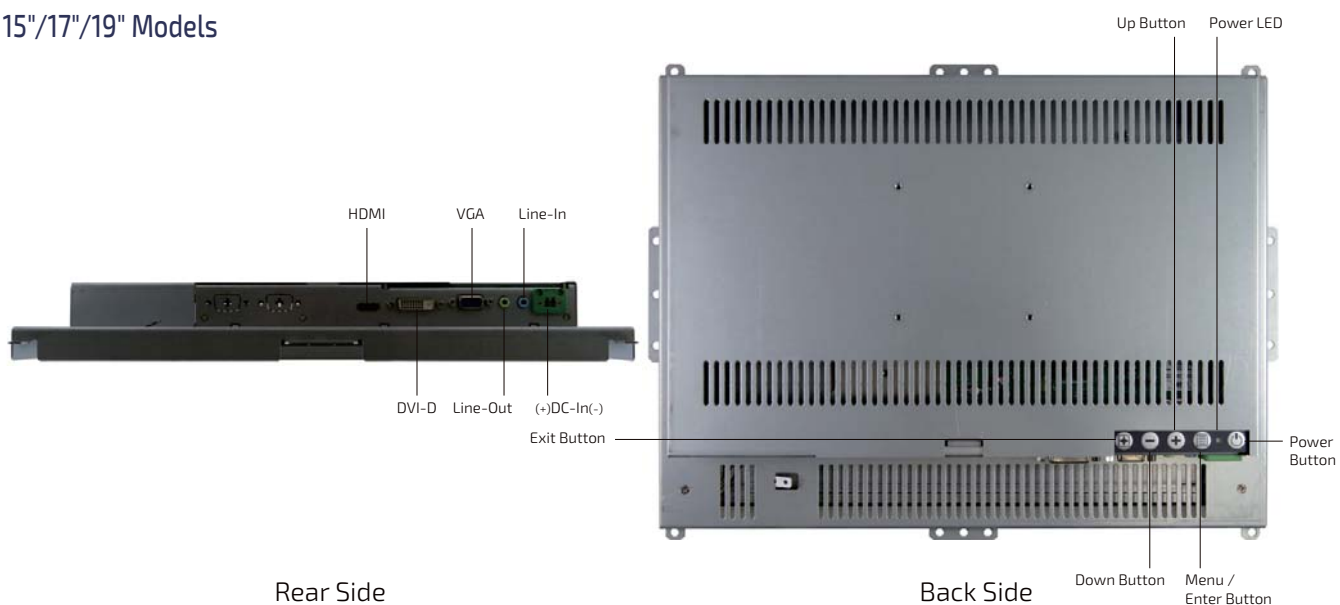
panoramic viewing experience. It comes with a variety of display ports, including 1x HDMI, 1x DVI-D and 1x VGA, for various viewing options, and optional 1x USB port or 1x RS-232 port for touch functionality.

## Technical Information

Video	Display Size	15 inch	15.6 inch	17 inch	18.5 inch	19 inch
	Aspect Ratio	4:3	16:9	5:4	16:9	5:4
	Backlight	LED	LED	LED	LED	LED
	Resolution	1024 x 768	1366 x 768	1280 x 1024	1366 x 768	1280 x 1024
	Brightness (cd/m <sup>2</sup> , typ.)	250	300	350	300	250
	Contrast Ratio (typ.)	700:1	500:1	1000:1	1000:1	1000:1
	Color	16.2M	262K / 16.7M	16.2M	16.7M	16.7M
	View Angle (L/R/H/L, °)	85/85/80/80	80/80/80/80	85/85/80/80	85/85/80/80	85/85/80/80
	Touch	5-wire resistive (optional) / 10-point PCT (optional)				
	Display Interface	1x HDMI (on rear) 1x DVI-D (on rear) 1x VGA (on rear)				
Audio	Audio Interface	1x Line-in (on rear) 1x Line-out (on rear)				
Peripheral Connection	USB	1x USB2.0 (Type A on rear for Touch, optional, 15.6" & 18.5" widescreen models)				
	Serial Port	1x RS-232 (DB9 on rear for Touch, optional, 15", 17" & 19" square-screen models)				
Power	Connector	2-Pin Phoenix Connector (on rear)				
	Input Voltage	DC 12V (default) DC 24V (optional)				
System Control & Monitoring	Button, Switch & Indicator	1x Power LED (on back for 15"/17"/19" models; on left for 15.6"/18.5" models) 1x Power Button (on back for 15"/17"/19" models; on left for 15.6"/18.5" models) 1x Menu / Enter Button (on back for 15"/17"/19" models; on left for 15.6"/18.5" models) 1x Up Button (on back for 15"/17"/19" models; on left for 15.6"/18.5" models) 1x Down Button (on back for 15"/17"/19" models; on left for 15.6"/18.5" models) 1x Exit Button (on back for 15"/17"/19" models; on left for 15.6"/18.5" models)				
Cooling	Cooling Method	Passive				
Mechanical	Construction	Open Frame Metal Chassis				
	Dimensions - W (mm)	373.5 (14.70")	425.1 (16.74")	424.0 (16.69")	491.6 (19.35")	424.0 (16.69")
	Dimensions - H (mm)	279.5 (11.00")	272.6 (10.73")	343.3 (13.52")	312.5 (12.30")	343.3 (13.52")
	Dimensions - D (mm)	50.0 (1.97")	40.0 (1.57")	52.0 (2.05")	40.0 (1.57")	52.0 (2.05")
	Weight (g)	2700 (5.95 lb)	TBD	3400 (7.50 lb)	3700 (8.16 lb)	3800 (8.38 lb)
	Mounting	Open Frame Mount VESA Mount (75 x 75 mm for 15", 17" & 19" models; 100 x 100 for 15.6" & 18.5" models) Panel Mount (15.6" & 18.5" models only)				
	Operation Temperature	0°C ~ 50°C / 32°F ~ 122°F				
	Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F				
	Humidity	0% ~ 95%				
Certification	EMC & Safety	CE, FCC Class A				

## I/O Ports

### 15"/17"/19" Models



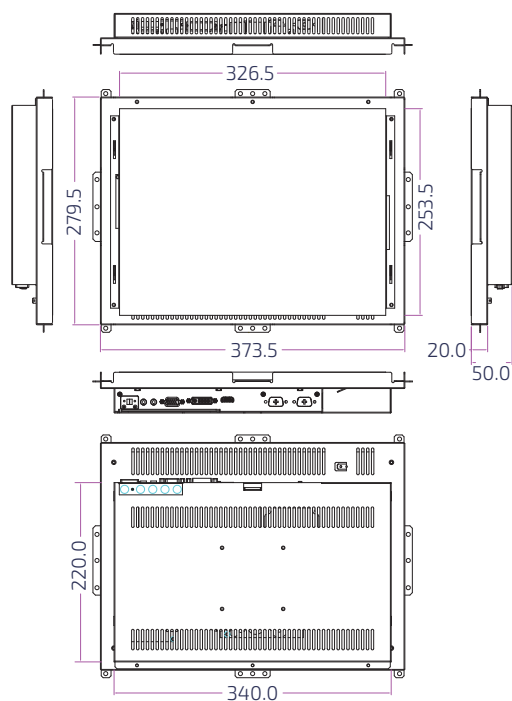
### 15.6"/18.5" Models



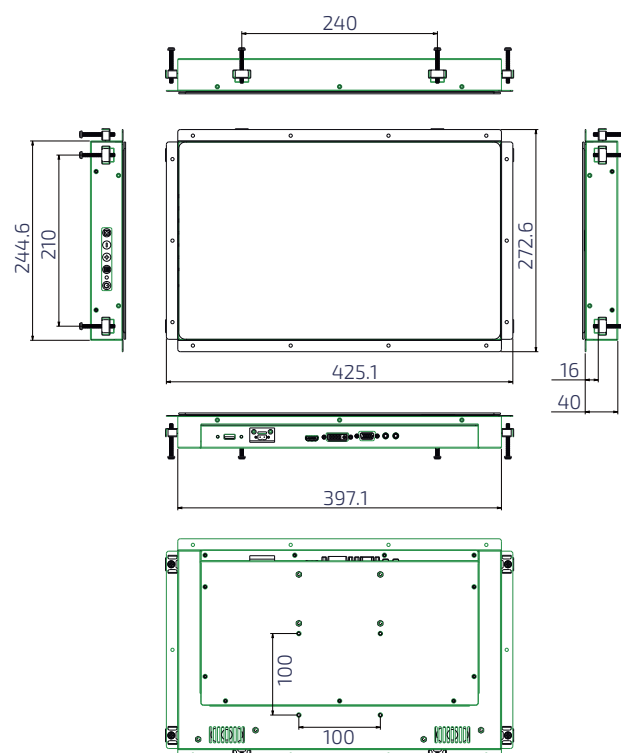
## Mechanical Dimensions

(unit: mm)

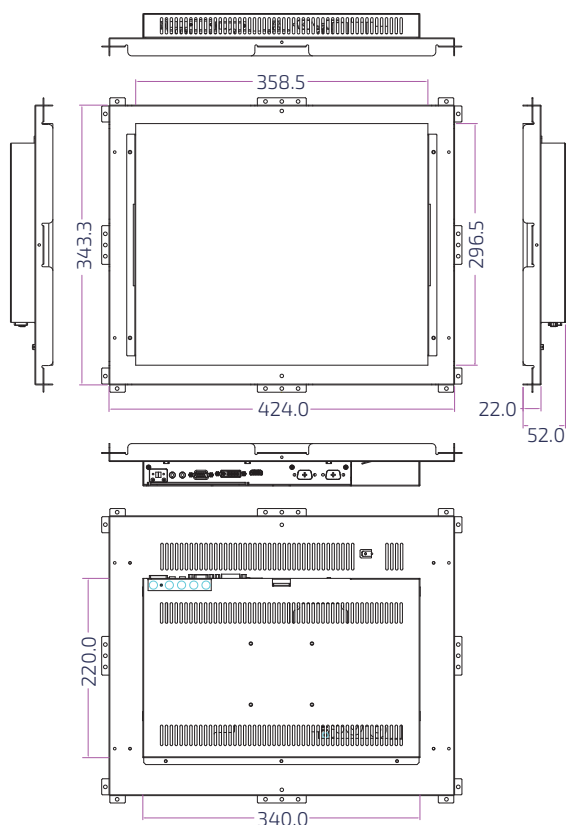
### 15" Model



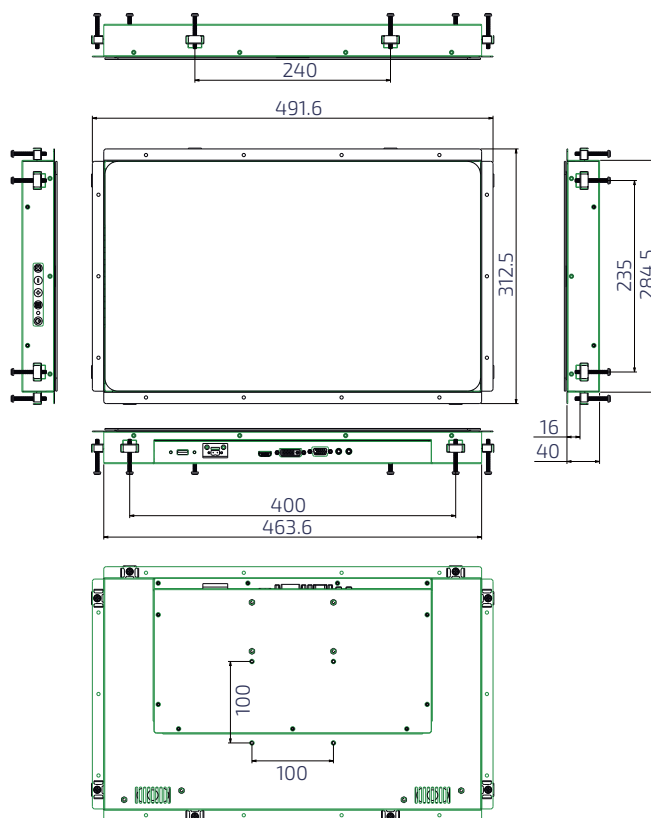
### 15.6" Model



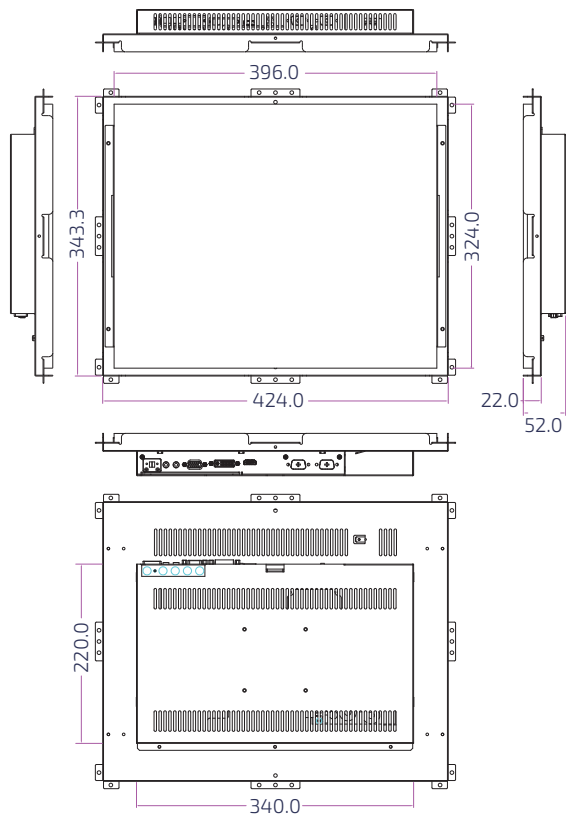
17" Model



18.5" Model



19" Model





## Ordering Information

ARTICLE	DESCRIPTION
OPM-1500	15" 4:3 LCD screen, 1x RS-232 for touch (optional)
OPM-1560	15.6" 16:9 LCD screen, 1x USB2.0 for touch (optional)
OPM-1700	17" 5:4 LCD screen, 1x RS-232 for touch (optional)
OPM-1850	18.5" 16:9 LCD screen, 1x USB2.0 for touch (optional)
OPM-1900	19" 5:4 LCD screen, 1x RS-232 for touch (optional)

### OPTIONAL ACCESSORIES

VESA Mounting Kit	Hole pattern: 100 x 100 mm & 75 x 75 mm, dimension: 163 x 130 mm
Power Adapter	AC to DC, 100V ~ 240V
Power Cord	2-pin male Phoenix connector
5-wire Resistive Touch Panel Kit	
10-point P-CAP Touch Panel Kit	