

**MODEL: SD-24WRPC-CV**



## FEATURES

1

**CPU:**  
Intel® KabyLake Core i7-7820EQ  
3.0GHz, up to 3.7GHz

2

**Memory:**  
DDR4 1600MHz 16GB

3

**Storage:**  
SSD 256GB up to 1TB

4

**Chipsets:**  
Intel® QM175  
Chipset Integrated

5

**Size / Type:**  
24" LCD (LED backlight)

6

**Resolution:**  
1920 x 1080 @ 60 mhz

7

**Max. Colors:**  
16,7 M Colors

8

**Brightness:**  
1,000 nits (cd/m<sup>2</sup>)

9

**Touch Screen:**  
P-cap multi-touch screen (USB)

## SPECIFICATION

SYSTEM FEATURES	
<b>CPU</b>	Intel® KabyLake Core i7-7820EQ 3.0GHz, up to 3.7GHz
<b>Chipsets</b>	Intel® QM175 Chipset Integrated
<b>Graphics</b>	Intel 9th Gen HD Graphics 630
<b>Memory</b>	DDR4 1600MHz 16GB
<b>Storage</b>	SSD 256GB up to 1TB
<b>Ethernet</b>	Intel® i210 Ethernet Controller, Intel® i219 PHY Ethernet Controller
<b>BIOS</b>	AMI 16Mbit Flash
<b>System Indicator</b>	1 x Power LED, 1 x HDD LED
<b>Video Output</b>	1 x VGA (DVI / HDMI optional)
<b>Power Input</b>	1 x 90~260V AC Input (9-36 VDC optional)
I/ O (D38999 Connectors)	
<b>Serial</b>	2 x RS232/RS422/RS485
<b>USB</b>	4 x USB 2.0 (2x USB 3.0 optional)
<b>Ethernet</b>	2 x RJ45 GbE LAN
<b>VGA</b>	1 x VGA Output
<b>Power Input</b>	1 x AC Input
PANEL SPECIFICATION	
<b>Size / Type</b>	24" LCD (LED backlight)
<b>Active Area (mm)</b>	531.36 (H) x 289.89 (V)
<b>Pixel Pitch (mm)</b>	0.27675 (H)x 0.27675 (V)
<b>Resolution</b>	1920 x 1080 @ 60Hz
<b>Contrast Ratio</b>	1000 : 1 (typ.)
<b>Max. Colors</b>	16.7M colors
<b>Brightness</b>	1,000 nits (cd/m <sup>2</sup> ) Sunlight Readable high brightness
<b>Viewing Angle</b>	-89 ~ 89 (H); -89 ~ 89 (V)
<b>Response Time</b>	14ms (typ.)
<b>Touch Screen</b>	P-cap multi-touch screen (USB) Resistive (Optional)

FEAUTERS	
<b>Material</b>	Aluminium with chromatic and deactivated coating
<b>Mounting</b>	Rack Mount with handles / flush mount
<b>EMI treatment</b>	EMI mesh filter in front
<b>Sight enhanced</b>	Full optical bonding between panel and touch
<b>PCB protection</b>	Silicon conformal coating on PCB internally
<b>Color</b>	Coal black

ENVIRONMENT TOLERANCE	
<b>Operating Temperature</b>	-20 deg. C to 60 deg. C per MIL-STD-810F
<b>Storage Temperature</b>	-30 deg. C to 70 deg. C per MIL-STD-810F
<b>Shock</b>	MIL-STD-810F Method 516.6 20G, 11ms
<b>Vibration</b>	MIL-STD-810F Method 514.6
<b>IP Grade</b>	Full IP65
<b>EMC Compliance</b>	MIL-STD-461G CE102, CS101, CS114, CS115, CS116, RE102, RS103, CS118

