

**MODEL: SD-RL17WK-4L**



## FEATURES

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|--|---|--|
| <p><b>1</b> CPU:<br/>Intel® Kaby Lake U-series 7th Generation<br/>Core i7-7600U 2.8GHz</p> | <p><b>4</b> Chipset:<br/>SoC Integrated<br/>Intel® UHD Graphics 620</p> | <p><b>7</b> Resolution:<br/>1920 x 1080 @ 60Hz</p>                             |
| <p><b>2</b> Memory:<br/>DDR4-2133MHz, up to 32GB</p>                                       | <p><b>5</b> Size / Type:<br/>17" LCD (LED Backlight)</p>                | <p><b>8</b> Max. Colors:<br/>16.7 M Colors (6 bits + FRC)</p>                  |
| <p><b>3</b> Storage:<br/>1 x 2.5" SSD Hot swappable (up to 2TB)</p>                        | <p><b>6</b> Brightness:<br/>1000 nits, Sunlight Readable</p>            | <p><b>9</b> Touch Screen:<br/>5 Wire resistive touch screen<br/>(optional)</p> |

## SPECIFICATION

SYSTEM FEATURES	
CPU	Intel® Kaby Lake U-series 7th Generation Core i7-7600U 2.8GHz
Chipsets	SoC Integrated, Intel HD Graphics 620
RAM	DDR4-2133MHz , up to 16GB
Storage	1 x 2.5" SSD Hot swappable (up to 2TB)
Ethernet	4 x Gigabit LAN (Fiber Optic optional)
BIOS	AMI 16Mbit Flash
System battery	9 Cells,7800mAh Li-ion Battery (Hot-swap)
Watchdog	Programmable 1~255 sec.
WLAN	Full size miniPCIe for wireless card IEEE 802.11 a/b/g/n 2x2 Dual Band(Optional)
WWAN	3G/ 4G LTE module (optional)
BT	Bluetooth 4.0/4.2 (optional)
GPS	GPS module (for optional)

I/O (D38999 Connectors)	
COM	1 x RS232; 1 x RS/232/RS422/485 (via D38999 )
Audio	1 x Audio (MIC-in/Line-out) (via standard connectors)
USB	2 x USB 2.0 (via D38999), 2x USB3.0 (via standard connectors)
Ethernet	4 x Gigabit Ethernet (via D38999)
Power	1 x DC Input
Video Output	1 x HDMI / VGA

PANEL SPECIFICATION	
Size / Type	17" LCD (LED backlight)
Active Area (mm)	381.888 (H) x 214.812 (V)
Pixel Pitch (mm)	0.1989 (H)x 0.1989 (V)
Resolution	1920 x 1080 @ 60Hz
Contrast Ratio	600 : 1 (typ.)
Max. Colors	16.7M colors(6 bits + FRC)
Brightness	1000 nits (cd/m <sup>2</sup> ) , Sunlight Readable
Viewing Angle	-80 ~ 80 (H); -80 ~ 80 (V)
Touch Screen	5-wire resistive touch screen (optional)

ENVIRONMENT TOLERANCE	
Operating Temperature	-30 deg. C to 60 deg. C
Storage Temperature	-40 deg. C to 70 deg. C
Humidity	5 to 95% (Non Condensing)
IP Level	IP65
Durability	MIL-STD-810G
EMI	MIL-STD-461F

POWER SPECIFICATION	
Power Input	1 x 9~36V DC Input (MIL-STD-1275)
Power Adapter	1 x AC/ DC 90~240V MIL. Grade Power Adapter (Optional)

DIMENSIONS	
Dimensions	435 x 300 x 68.5 mm (w/o corner rubbers)
Weight	7 KG for identity

OPTIONAL ACCESSORIES	
RT-EAC01M	Rugged External AC/DC Adapter
RT-01CC	Carry Case

