

# Skylake 17.3" Military Grade Rugged Laptop

**MODEL: SD-RL17WS**



## FEATURES

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| <p><b>1</b> CPU:<br/>Intel® Skylake U - series 6 th Gen.<br/>Core i7 - 6600U 2.6GH</p> | <p><b>4</b> Chipset:<br/>SOC Integrated,<br/>Intel HD Graphics 520</p> | <p><b>7</b> Resolution:<br/>1920 x 1080 @ 60 Hz</p>                        |
| <p><b>2</b> Memory:<br/>DDR3L 1600MHz 8 GB (up to 16GB)</p>                            | <p><b>5</b> Size / Type:<br/>17.3" LCD (LED Backlight)</p>             | <p><b>8</b> Max. Colors:<br/>16.7 M Colors</p>                             |
| <p><b>3</b> Storage:<br/>1 x 2.5" SSD w/Hot swappable</p>                              | <p><b>6</b> Brightness:<br/>900 nits (cd/m<sup>2</sup>)</p>            | <p><b>9</b> Touch Screen:<br/>5 Wire resistive touch screen (optional)</p> |

## SPECIFICATION

SYSTEM FEATURES	
CPU	Intel® Skylake U - series 6 th Generation Core i7 - 6600U 2.6GH
Memory	DDR3L 1600MHz 8 GB (up to 16GB)
Chipset	SoC Integrated, Intel HD Graphics 520
Storage	1 x 2.5" SSD w/Hot swappable
Ethernet	Intel® i210 Ethernet Controller, Intel® i219 Ethernet Connection
BIOS	AMI 16Mbit Flash
System Battery	1 x 5200mAh Li - ion Battery
Watchdog	Programmable 1~255 sec.
WLAN	Full size miniPCIe for wireless card IEEE 802.11 a/b/g/n 2x2 Dual Band (Optional)
WAN	3G/ 4G LTE module (for optional)
BT	BT 4.0
GPS	U - blox GPS module (for optional)
I/O (D38999 Connectors)	
RS232	2 x RS232 (RS422/485 for optional)
Audio	1 x Audio Output
USB	3 x USB 2.0
Ethernet	2 x Gigabit Ethernet
Power	1 x DC Input
Video Output	1 x VGA (optional)
PANEL SPECIFICATION	
Size / Type	17.3" LCD (LED backlight)
Resolution	1920 x 1080 @ 60Hz
Brightness	9 00 nits (cd/m <sup>2</sup> )
Contrast Ratio	600 : 1 (typ.)
Max. Colors	16.7M colors (6 bits + FRC)
Viewing Angle	-80 ~ 80 (H); -60 ~ 80 (V)
Touch Screen	5 - wire resistive touch screen (optional)
Active Area (mm)	381.888 (H) x 214.812 (V)
Pixel Pitch (mm)	0.1989 (H)x 0.1989 (V)
Glass	EMI AR glass

ENVIRONMENT TOLERANCE	
Operating Temperature	- 20 deg. C to 60 deg. C
Storage Temperature	- 30 deg. C to 70 deg. C
Humidity	5 to 95% (Non Condensing)
IP Level	IP65
Durability	MIL-STD-810G
EMI	MIL-STD-461F

DIMENSIONS	
Dimensions	439 x 438 x 53 mm (roughly)
Weight	8 KG for identity

POWER SPECIFICATION	
Power Input	1 x 9~36V DC Input
Power Adapter	1 x AC to DC MIL. Grade Power Adapter

## DRAWINGS

