

# Skylake 22" Military Grade Rugged Laptop

**MODEL: SD-RL22RS**



## 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 8GB (up to 16GB)</p>                             | <p><b>5</b> Size / Type:<br/>21.5" 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/>250 nits (cd/m<sup>2</sup>)</p>            | <p><b>9</b> Touch Screen:<br/>5-wire resistive touch screen<br/>(Optional)</p> |

## SPECIFICATION

SYSTEM FEATURES	
CPU	Intel ® Skylake U - series 6 th Generation Core i7 - 6600U 2.6GH
Chipset	SoC Integrated, Intel HD Graphics 520
Memory	DDR3L 1600MHz 8 GB (up to 16GB)
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)	
Serial Ports	2 x RS232 (RS422/485 for optional)
USB Ports	3 x USB 2.0
Ethernet	2 x Gigabit Ethernet
Power Input	1 x DC Input
Video Output	1 x VGA, 1 x HDMI (for optional)
Audio	1 x Audio Output
PANEL SPECIFICATION	
Size / Type	21.5" LCD (LED backlight)
Active Area (mm)	476.64 (H) x 268.11 (V)
Pixel Pitch (mm)	0.24825 (H)x 0.24825 (V)
Resolution	1920 x 1080 @ 60Hz
Contrast Ratio	5,000 : 1 (typ.)
Max. Colors	16.7M (8 - bit/colors)
Brightness	250 nits (cd/m <sup>2</sup> ) ;1000 nits optional
Viewing Angle	- 89 ~ 89 (H); - 89 ~ 89 (V)
Touch Screen	5-wire resistive touch screen (Optional)

## ENVIRONMENT TOLERANCE

Operating Temperature	- 20 deg. C to 55 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

## POWER SPECIFICATION

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

## DRAWINGS

