

## Model:SD-RL20RS



### SHORT DESCRIPTION

- Intel Skylake Platform Core i7-6600U 2.6GHz CPU
- -20~+60°C Operating Temperature
- MIL Connectors D38999
- Full-IP65 Protection
- Chipset: SoC Integrated
- Memory: DDR3L 1600MHz 8GB (up to 16GB)
- Ethernet: Intel® i210 & 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
- WWAN: 3G/ 4G LTE module (for optional)
- Bluetooth: BT 4.0
- Watchdog: Programmable 1~255 sec.
- GPS: U-blox GPS module (for optional)



### FEATURES



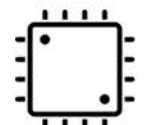
**Chipset**  
SoC Integrated



**Memory**  
DDR3L 1600MHz 16 GB



**Storage**  
1 x 2.5 SSD



**CPU**  
Intel® Haswell Core  
i7 - 6600U

# SPICIFICATION

PANEL SPECIFICATION	
Size/ Type	20.1" LCD (LED backlight)
Active Area (mm)	381.888 (H) x 214.812 (V)
Pixel Pitch (mm)	0.255 (H)x 0.255 (V)
Resolution	1600 x 1200 @ 60Hz
Contrast Ratio	1,000 : 1 (typ.)
Max. Colors	16.7M (8 - bit/colors)
Brightness	300 (cd/m <sup>2</sup> )
Viewing Angle	- 88 ~ 88 (H); - 88 ~ 88 (V)
Glass	AR protective Glass (Optional)

SYSTEM	
CPU	Intel® Skylake U - series 6 th Generation Core i7 - 6600U 2.6GH
Chipset	SoC Integrated
Memory	DDR3L 1600MHz 8 GB (up to 16GB)
Storage	1 x 2.5" SSD in Hot swappable array
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)

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	Full - IP65
Vibration	5 Hz ~ 500 Hz/ 1 Grms / 3 Axis (For SSD storage option)
Shock	15G, 11ms duration (For SSD storage option)
Reliability	MIL-STD-810G (For SSD storage option)
EMC compliance	MIL-STD-461F

I/O (D38999 CONNECTOR)	
Serial Ports	2 x RS232 (RS422/485 for optional) (D38999)
USB Ports	2 x USB 2.0 (D38999)
Ethernet	2 x 10/100/1000 GbE LAN (D38999)
Power Input	19V DC Input (D38999)
Video Output	1 x VGA Output (D38999)

POWER SPECIFICATION	
Consumption	40 W typical, normal operation
Management	VESA DPMS compliant
Power Cord	1 x Power Cord (Power cord type provided by region)
Power Adapter	1 x Power Adapter w/ D38999 Connector

## DRAWINGS (draft for reference)

