



Windows

## MILBOOK R15

### 15.6 inch Fully Rugged Notebook



IP65

### Performance

- 11th Gen® Intel® Core™ i5/i7 processor
- New Intel® Iris® Xe core graphics card
- Support Windows 11 OS



GPS

### Communication

- High speed Wi-Fi 6
- Support M.2 interface 5G/4G selection
- Bluetooth 5.1 for higher transfer speeds



Dual-battery



Fingerprint

### Product Six Views



Camera



NFC



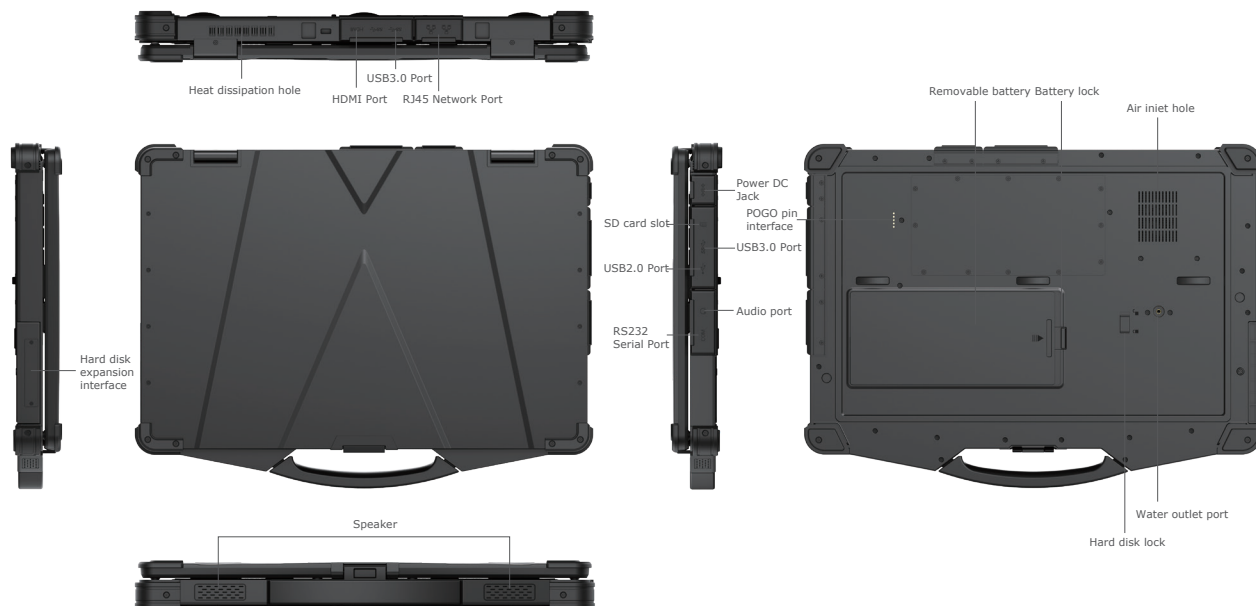
4G/5G



WIFI



Bluetooth



### Function

- 15.6-inch FHD
- Rich interfaces and extended function can meet various needs
- 6300mAh/7.4V+1750mAh/7.4V dual battery, Large battery support hot-swappable

### Reliability

- Press fingerprint identification
- IP65 high protection level, 1.22m fall resistant
- In accordance with MIL-STD-810G

## Specification Parameter

| Basic parameters        |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimension               | 407 x 305.8 x 45.5mm                                                                                                                                                                    |
| Weight                  | device unit 3300g                                                                                                                                                                       |
| Device Color            | black                                                                                                                                                                                   |
| LCD                     | 15.6 inch FHD 16:9, 1920x1080                                                                                                                                                           |
| Touch Panel             | NA                                                                                                                                                                                      |
| Camera                  | Front 2.0MP                                                                                                                                                                             |
| I/O                     | HDMI x 1, POGO 5pin x 1,<br>USB 2.0 Type-A x 1, USB 3.0 Type-A x 3,<br>SIM Card x 1, SD Card x 1,<br>DB9 RS232 x 1, RJ45 x 2,<br>Φ3.5mm standard earphone jack x 1,<br>DC 19V 3.42A x 1 |
| Power                   | AC100V ~ 240V, Output DC 19V/3.42A/65W                                                                                                                                                  |
| Battery (Built-in)      |                                                                                                                                                                                         |
| Capacity                | 7.4V/1750mAh                                                                                                                                                                            |
| Type                    | Built in Li_polyment,battery loadable                                                                                                                                                   |
| Endurance               | 0.5hrs (Default 50% volume, default 200 nit,<br>Play 720P HD video)                                                                                                                     |
| Battery (Hot-swappable) |                                                                                                                                                                                         |
| Capacity                | 7.4V/6300mAh                                                                                                                                                                            |
| Type                    | Li_polyment, removeable battery                                                                                                                                                         |
| Endurance               | 6hrs (Default 50% volume, default 200 nit,<br>Play 1080P HD video)                                                                                                                      |

| Performance parameter |                                                                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                   | Intel® Core™ i5-1135G7/i7-1165G7                                                                                                                                                                                                                                                |
| OS                    | Windows 11                                                                                                                                                                                                                                                                      |
| RAM                   | 16GB/32GB                                                                                                                                                                                                                                                                       |
| ROM                   | 256GB/512GB/1TB                                                                                                                                                                                                                                                                 |
| Communication         |                                                                                                                                                                                                                                                                                 |
| WIFI                  | WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax                                                                                                                                                                                                                                   |
| Bluetooth             | BT5.1                                                                                                                                                                                                                                                                           |
| 2G/3G/4G              | LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40<br>WCDMA: B1/B5/B8 GSM: B3/B8                                                                                                                                                                                                          |
| 5G (Optional)         | 5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/<br>n38/n40/n41/n48*/ n66/n71/n77/n78/n79<br>LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/B18/<br>B19/B20/B25/B26/B28/B29/B30/B32/B66/B71<br>LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48<br>LAA: B46<br>WCDMA: B1/B2/B3/B4/B5/B6/B8/B19 |
| GNSS                  | Built-in GPS, glonass                                                                                                                                                                                                                                                           |
| Reliability           |                                                                                                                                                                                                                                                                                 |
| Operate Temperature   | -20 °C ~ 60 °C                                                                                                                                                                                                                                                                  |
| Store Temperature     | -30 °C ~ 70 °C                                                                                                                                                                                                                                                                  |
| Humidity              | 95% Non-Condensing                                                                                                                                                                                                                                                              |
| Rugged Feature        | IP65 certified, MIL-STD-810G certified                                                                                                                                                                                                                                          |
| Drop Height           | 1.22m                                                                                                                                                                                                                                                                           |
| Data Collection       |                                                                                                                                                                                                                                                                                 |
| Fingerprint           | SPI fingerprint (power on login)                                                                                                                                                                                                                                                |
| NFC                   | Optional NXP300                                                                                                                                                                                                                                                                 |

## Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Power Maintenance



Equipment Testing



Automobile Manufacturing



Energy Industry

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