

# RPC-1506

15.6" Ruggedized portable computer, 1080p display, i5-8250U CPU



## Features

- 15.6" Rugged portable computer compliant IP65 proof
- Portable folding design, with handle
- Onboard Intel Core i5-8250U/i7-8550U, 3.4G, 6MB Cache
- Onboard 8GB 2666MH DDR4L memory, 256GB SSD
- 15.6" high-brightness LCD 1080P display
- Two GbE LAN, support dual-band WF, BT4.2, optional 4G
- Built-in two speakers, MIC, Line out
- Integrated with keyboard, key-pad
- Built-in 8050mAH polymer battery, supports long battery life
- Support HDMI, USB3.0/USB2.0, COM interface

## Specifications

### Motherboard

|               |                                               |
|---------------|-----------------------------------------------|
| CPU           | Intel Core i5-8250U/i7-8550U, 3.4G, 6MB Cache |
| System memory | 8GB 2666MH DDR4L memory                       |
| Storage       | 256GB M.2 SSD                                 |

### Display

|              |                                      |
|--------------|--------------------------------------|
| Display chip | Built-in Intel UHD Graphics 620 Chip |
| Interface    | a standard HDMI Type A               |
| Display Size | 15.6" lcd [16:9]                     |
| Resoution    | 1080P, 1920x 1080, FHD               |
| Luminance    | 700cd/m2                             |
| Camera       | Front 2.0MP Camera                   |

### Audio

|          |                          |
|----------|--------------------------|
| Speaker  | Built-in two 1W speakers |
| Micphone | Built-in two microphones |
| Line out | One 3.5mm headphone jack |

### Network

|                                          |                                                  |
|------------------------------------------|--------------------------------------------------|
| Wired network                            | Two RJ45 Gigabit Lan ports                       |
| WIFI wireless                            | 5% to 95%@ 40°C , on-condensing                  |
| Dual-band WIFI, support 802.11a/b/g/n/ac | 5-17Hz/1mm amplitude, 17-640Hz/1.5g acceleration |
| 4G network                               | 10G peak acceleration (11 msec. duration)        |
| Optional one 4GLTE full Netcom module    | FCC/VDE(Level A)                                 |
| BLT Bluetooth                            | Support BlueTooth4.2 (BLT) class1                |

### I/O and other

|             |                                                          |
|-------------|----------------------------------------------------------|
| TPM         | Support TPM2.0 based on SLB9665T chip                    |
| Fingerprint | One fingerprint lock support system login, SPI interface |
| USB         | Three USB3.0, one USB2.0 interface.                      |
| Serial port | One RS232 serial port, DB9 connector                     |
| LED         | Power status/battery status/HDD/4G LED indicators        |
| Button      | One power switch, One reset button                       |

# RPC-1506

## Power supply

|                  |                                                   |
|------------------|---------------------------------------------------|
| Power interface  | One DC-JACK power interface, support 19V DC input |
| Power adapter    | 19V/3.42A [ 65W] Adapter                          |
| AC input         | Support 100V ~ 240VAC series voltage input        |
| Battery Type     | Built-in polymer lithium-ion battery,             |
| Battery capacity | 8050mAH/7.4V, About 9 hours battery life          |

## Motherboard

|                        |                                |
|------------------------|--------------------------------|
| Operate Temperature    | -20°C ~ 60°C                   |
| Storage Temperature    | -20°C ~ 75°C                   |
| Operate Humidity       | 5% ~ 85% non-condensing @ 40°C |
| IP Level               | IP65                           |
| Dimensions (D x W x H) | 397x271x37mm                   |
| Weight                 | 3.1 kg                         |

## Ordering informations

|           |                                                                                                                                                      |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| RPC-1506  | 15.6" Ruggedized portable computer, i5- 8250U CPU, 8GB DDR4L, 256GB SSD, HDMI,2 GbE LAN, USB3.0,WIFI,BT4.2,RS232, Audio, 8050mA/H, 65W Power Adapter |
| RPC-1506A | 15.6" Ruggedized portable computer, i7-8550U CPU, 16GB DDR4L, 256GB SSD, HDMI,2 GbE LAN, USB3.0,WIFI,BT4.2,RS232, Audio, 8050mA/H, 65W Power Adapter |

## Pictures and I/O show

