



JNB-1502P

Fully Rugged 15.6" Laptop

- 15.6" FHD 1920*1080 display
- sunlight readable
- Intel® Core™ **i7-6822EQ** 2.0GHz/**i7-7820EQ** 3.0GHz
- Optional NVIDIA® GTX950M video card
- IP65 Protection Level



Specifications

CPU	Intel® Core™ i7-7820EQ 3.0GHz(Max 3.7GHz) Quad-core 8 threads Intel® Core™ i7-6822EQ 2.0GHz(Max 2.8GHz) Quad-core 8 threads (Optional)
Chipset	Intel® HM175
Memory	Onboard 8GB DDR4 memory, expandable up to 24GB
Display screen	15.6" sunlight-readable display screen, resolution 1920 x 1080
Display card	Support Intel HD Graphics 530 integrated display technology Support expansion of NVIDIA GTX950M 2G GDDR5 video card
Storage	2.5" SATA interface laptop HDD, 1 x mSATA expandable to the second storage
IO port	1 x VGA port 1 x HDMI port 2 x RJ-45 LAN port 2 x USB3.0 port 2 x USB2.0 port 2 x serial port(support RS-232/422/485 switched by BIOS, default RS-232) 1 x Line Out audio output port 1 x Mic-In audio input port 1 x DVD optical drive bay 1 x DC power input connector (aviation connector)
Expansion card slot	1 x Smart Card slot 1 x Express Card slot 1 x SD Card reader slot 1 x SIM Card slot
Multi-function expansion slot	The optical drive bay can be expanded to one of the following options: <ul style="list-style-type: none"> ● 2 x COM port; ● optical drive or a second HDD module; ● PCI-E x1 device; ● USB port or USB function device; ● Support expansion port on the bottom, docking station can be attached



Keyboard	Special plastic keyboard for laptop computer, with left/right-key touch pad mouse optional silicon keyboard (with blue backlight)
Audio and video	High-definition audio processor 2 x built-in speaker 1 x built-in microphone
Communication	WLAN: 802.11a/g/n (or 4G) LAN: 10/100/1000M PAN: Bluetooth 4.0 Class I + EDR WWAN: supports 4G (or WLAN)
Safety	Administrator password, login password Smart card reader Finger print identification Anti-theft pin hole
Power adapter	AC power adapter : input AC100~240V, output DC19V@180W
Battery	6600mAH intelligent Li-ion battery, expandable to 2nd Battery Pack(5000mAH)
Heat dissipation	Waterproof Fan design, heat dissipation by sealed metal chassis
Dimensions	382mm(W)×284mm(D)×65.2mm(H)
Weight	≤5.2Kg

Reliability

Environment parameters	Operating temperature: -20~55℃ (power adapter supply, wide temperature storage); - Storage temperature: -40~70℃ Humidity: 5%~95%, non-condensing
Shock	Meets GB/T 9813, GB/T 2423 Sine Vibration , 5~15Hz amplitude 1mm, 15~200Hz, acceleration 1.0G, X/Y/Z three-axis, 7min/axis
Vibration	Meets GB/T 9813, GB/T 2423 Peak acceleration 10g, pulse 11ms, X/Y/Z three-axis, 3times/axis
Drop	Meets 100cm free fall
Protection grade	Meets IP65
EMC	Meets GB/T 9254-2008 A grade

Ordering Information

Part Number	Model Number	Description
	JNB-1502P	Intel Core i7-7820EQ 3.0GHz/ 8G DDR4 /128GB SSD/15.6 sunlight readable screen/DVD-RW/WLAN/Bluetooth/6600mAh main battery/Plastic keyboard/Power adapter