

## Fully Rugged Notebook NoteStar NB-1502P



<b>Niezawodność</b>	
<b>Environment parameters</b>	Operating temperature: -20~55 (power adapter supply, wide temperature storage) 0~50 (power adapter supply, normal storage) 0~50 (battery supply) Storage temperature: -40~70 Humidity: 5%~95%, non-condensing
<b>Shock</b>	Power-on status: Half Sine wave, 15G, 11ms Power-off status: Half Sine wave, 50G, 11ms
<b>Vibration</b>	Power-on status: X/Y/Z three-axis, 5Hz-200Hz/1.0g (optional 1.5g) Power-off status: X/Y/Z three-axis, frequency 10~23Hz, acceleration 1.0G Frequency 23~52Hz, amplitude 0.44mm Frequency 52~2000Hz, acceleration 4.2G Power-on status: X/Y/Z three-axis, 5-500Hz, 1.90 Grms Power-off status: X/Y/Z three-axis, 20-2000Hz, 7.70 Grms
<b>Drop</b>	4-feet (121cm) free fall
<b>Protection grade</b>	IP65
<b>EMC</b>	Meets rugged standard

**Właściwości notebooka**

<b>CPU</b>	Intel® Core™ i7-7820EQ 3.0GHz(Max 3.7GHz) Quad-core 8 threads
<b>Chipset</b>	Intel® HM175
<b>Memory</b>	Onboard 8GB DDR4 memory, expandable up to 20GB
<b>Display screen</b>	15.6" sunlight-readable display screen, resolution 1920 x 1080
<b>Display card</b>	Support Intel HD Graphics 4600 integrated display technology Support expansion of NVIDIA GTX950M 2G GDDR5 video card
<b>Storage</b>	2.5" SATA interface laptop HDD, optional encryption and HDD self-destruction 1 x mSATA expandable to the second storage
<b>IO port</b>	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)
<b>Expansion card slot</b>	1 x Smart Card slot 1 x Express Card slot 1 x SD Card reader slot 1 x SIM Card slot
<b>Multi-function expansion slot</b>	The optical drive bay can be expanded to one of the following options: 2 x COM DVD-RW 2nd hard drive PCIE x1 device
<b>Keyboard</b>	Special plastic keyboard for laptop computer, with left/right-key touch pad mouse optional silicon keyboard (with blue backlight)
<b>Audio and video</b>	High-definition audio processor 2 x built-in speaker 1 x built-in microphone
<b>Web Camera</b>	2.0 MP front camera
<b>Communication</b>	WLAN: 802.11a/g/n (or 4G) LAN: 10/100/1000M PAN: Bluetooth 4.0 Class I + EDR WWAN: supports 4G (or WLAN) Satellite positioning: GPS (optional)
<b>Safety</b>	TPM optional Administrator password, login password Smart card reader Finger print identification Anti-theft pin hole
<b>Power adapter</b>	AC power adapter : input AC110~240V, output DC19V@180W DC power adapter: input DC9~32V, output DC19V (optional)
<b>Battery</b>	6600mAH intelligent Li-ion battery, expandable to 2nd Battery Pack( 5000mAH)
<b>Heat dissipation</b>	Waterproof Fan design, heat dissipation by sealed metal chassis
<b>Dimensions</b>	370mm(W)×272mm(D)×53.4mm(H)
<b>Weight</b>	About 5 ~ 5.5KGS