

# ND52 10.1" ID and Functions



Sealing



Drop Test



Certified



Tumble Test



Hot-Swap Battery



Fingerprint  
(for Win 10)



Barcode Scanner



NFC / RFID



# ND52 10" Android Rugged Tablet Specification *msi*

<b>SOFTWARE</b>	<ul style="list-style-type: none"> <li>• Windows®10 IoT Enterprise</li> <li>• Android 9.0 / Android 12 series</li> </ul>	<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>• -Docking connector</li> <li>• -Full size USB 3.0 x 2</li> <li>• -Full size USB 3.0 x 1</li> <li>• -Micro USB 2.0 x1</li> <li>-RJ45 10/100 Ethernet Port</li> <li>-Replaceable DC jack</li> <li>-HDMI™ Micro Connector</li> <li>-3.5mm Audio jack</li> <li>-SIM Card Reader</li> <li>-Micro SDXC Card Reader</li> <li>-Reset hole</li> </ul>
<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>• "MIL-STD-810G (Multiple 5' /1.5m Drops) 26 times all corners and sides with single tablet while operating"</li> <li>• IP65</li> <li>• 500 times x 1m tumble test</li> <li>• Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 50cm. w/ screen protector</li> <li>• Glass screen protector</li> <li>• Operating temp. : -10°C ~50°C</li> <li>• Storage temp. : -20°C ~60°C</li> </ul>	<b>POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>• Backup Battery / Hot swappable external battery</li> <li>• Battery: 3.7V, 10800 mAh / 40Wh</li> <li>• Battery operation: up to 8.5 hours</li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>• Intel® Atom™ X5-Z8550 Processor</li> <li>• Rockchip RK3399</li> </ul>	<b>SECURITY</b>	<ul style="list-style-type: none"> <li>• Firmware Trusted Platform ( TPM 2.0 )</li> <li>• Optional RFID</li> <li>• Optional NFC</li> </ul>
<b>STORAGE &amp; MEMORY</b>	<ul style="list-style-type: none"> <li>• LPDDR3 4GB on board, MAX support 8G</li> <li>• 64GB or 128GB eMMC</li> <li>• LPDDR3 4GB on board</li> <li>• 32GB or 64GB or 128GB eMMC</li> </ul>	<b>DIMENSIONS &amp; WEIGHT</b>	<ul style="list-style-type: none"> <li>• 13.72" x 7.56" x 0.86" (283.4mm x192.0mm x21.9mm)</li> <li>• 2.82 lbs [1280g]</li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>• 10.1" WUXGA 1200x1920 IPS 550 nits</li> </ul>	<b>COLLABORATION</b>	<ul style="list-style-type: none"> <li>• Optional 1D/2D Barcode Reader</li> <li>• 9 Axis MEMS sensor (Accelerometer, eCompass, Gyroscope)</li> <li>• Ambient Light Sensor</li> <li>• Proximity Sensor</li> </ul>
<b>AUDIO</b>	<ul style="list-style-type: none"> <li>• 1 Digital microphone</li> <li>• 2 integrated speaker</li> </ul>	<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>• -AC Adapter 65W [19V / 3.42A]</li> <li>-Hand strap with stylus holder</li> <li>-Optional Capacitive stylus pen</li> <li>-Optional Vehicle Dock</li> <li>-Optional Office Dock</li> <li>-Optional Battery Charger</li> </ul>
<b>INPUT</b>	<ul style="list-style-type: none"> <li>• 10-point multi-touch and capacitive stylus, support glove mode and wet-touch mode</li> <li>• 4 Physical buttons (power, vol+, vol-, barcode scanner key)</li> </ul>		
<b>CAMERAS</b>	<ul style="list-style-type: none"> <li>• 2MP front camera</li> <li>• 8MP rear camera, Auto Focus, Flash</li> </ul>		
<b>WIRELESS</b>	<ul style="list-style-type: none"> <li>• GPS (onboard)</li> <li>• Optional Sierra EM7455 [North America/EMEA]</li> <li>• Optional Quectel EM06-E (Europe), EM06-A (America)</li> <li>• Bluetooth® 5.1</li> <li>• Bluetooth® 4.2</li> </ul>		

• for both • for only ND51-G2 • for only ND52

