| NF21 | 12.2" Ruggedized Tablet |
|---|---|
| CPU | Kaby Lake U, i7 7600U |
| | Kaby Lake U, i5 7300U |
| OS | Win10 x64 |
| Display | 12.2" 1920x1200 IPS 800 nits (Typ) sunlight readable |
| Touch Panel | 10 pt.; gloves; water drop |
| GPU | Integrated with CPU |
| RAM | DDR4 8G SO-DIMM * 2, MAX support 16G |
| Storage | SSD: PCIE M.2 128GB |
| Front Camera | 2MP : 1080P@30 fps/MJPEG, USB2.0 interface, light sensor (Win 10 Hello compatible) |
| Rear Camera | 8MP: 1080P@30fps/MJPEG, Auto Foucs, Flash |
| WLAN 802.11 | a/b/g/n/ AC 2.4G/5G 20M BW ( Intel 8265 M.2 2X2 or Intel 3165) |
| Bluetooth | BT 4.2 ( Intel 8265 M.2 2X2) |
| GPS | Ublox NEO-M8N onboard |
| 4G/3G Bands (optional) | Sierra EM7455 (EU & North America) - LTE FDD: Band B1-B5, B7, B12, B13, B17, B20, B25,B26, B29, B30, B41 - UMTS/HSPA+: B1, B2, B3, B4, B5, B8 |
| Mic/Speaker | 2 x Digital microphone array (Win 10 Cortana) 2 x 0.7W Sound pressure 70 db at 1.0M average at 0.8KHz, 1.0KHz, 1.2Hz, and 1.5KHz. |
| I/O | 1 x Full size USB 3.0, (USB 2.0) 1 x RJ45 LAN port 1x DC jack Replaceable 1 x Micro HDMI, 1 x Headset 3.5mm (apple type) 6 x Physical button (power, vol+, vol-, 1 x Barcode scanner key, 2 programmable keys) 1 x Reset hole 1x Micro SIM 1x Micro SDXC card reader 1xDocking POGO pin located at the bottom 1xUSB 3.0 + USB 2.0 available in camera bay area |
| Sensors (type) | Gyro |
| | Accelerometer |
| | E-compass |
| | Abient light |
| | Proximity |

|  | Finger Print (Win 10 Hello : optional) |
|---|---|
| Barcode Scanner (optional) | Honeywell N3680 |
| RFID /NFC (optional) | Smart Approach SM-MSN10-C02 |
| TPM | TPM 2.0 |
| Battery (V & mAh) | Multiple packs;<br>7.6V x 6200 mAh standard battery / 47.12Wh |
| Backup Battery | 142mAh Backup Battery / Hot swappable external battery for 60s |
| Work/Stand-By Hours | STD battery: up to 8 hours life time |
| LED | Power status LED:<br>• Off: Power off/Hibernation<br>• Green: Power on<br>• Blinking Green: Standby/Sleep<br>Battery status LED:<br>• Green: Battery is fully charged<br>• Orange: Battery is charging,<br>• Blinking Orange: Battery capacity is lower than 7%<br>HDD status LED:<br>• Green: when SSD is runing. |
| Stealth Mode | Single button press disables all following features:<br>Speaker<br>Screen backlight<br>Indicator lights<br>Radio transmitters (airplane mode) |
| Adaptor | 120W  (19.5V / 6.15A) |
| Security Feature | Kensington lock |
| Size (mm) | 317.5(W)x214(H)x27.3(D)mm |
| Weight (gm) | 1.9Kg |
| Operating Temp Range | -10°C to 50°C |

| ESD | 8kV/15kV criteria  C |
|---|---|
| Display Durability | Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 80cm. w/ screen proctector |
| Screen protector | Glass screen protector .4mm thickness with oleo phobic coating and anti-shatter laminate |
| Drop spec | 4ft; MIL-STD-810G 26 times all corners and sides with single tablet while operating |
| Seal | IP65 |
| Certifications Provided | FCC, CE, |

| Accessory Spec | |
|---|---|
| Office Dock (optional) | 4x USB 3.0, Display Port, HDMI, VGA, RS232(w/5V output switch), Giga bit Ethernet, DC-in Jack, Audio In/Out, Kensington lock |
| Vehicle Dock  (optional) | Yes; Snap Mount MIL-STD-810G vibration at 10 times the power spectral density |