

ND55 10.1" ID and Functions

msi

IP65

Sealing



Drop Test

MIL-STD-810G

Certified



Tumble Test



Hot-Swap Battery



Barcode Scanner



Digitizer



FC CE



MSI CONFIDENTIAL

ND55 Specification

msi[®]

SOFTWARE

- Windows[®]10 IoT Enterprise
- Windows[®]11 IoT Enterprise

DURABILITY

- MIL-STD-810G (Multiple 5'/1.5m Drops, 26 times all corners and sides)
- IP65
- 100 times x 1m tumble test
- Steel ball drop test, 25 mm diameter rounded end steel weight of 250 gm from 50cm. w/ screen protector
- Glass screen protector

CPU

- Intel Elkhart Lake Celeron N6210
- Intel Elkhart Lake Pentium N6415

STORAGE & MEMORY

- LPDDR4X 8GB on board
- PCIE M.2 SSD up to 1TB

DISPLAY

- 10.1" 1200X1920 IPS 550 nits [Typ]

DIMENSIONS & WEIGHT

- 13.72" x 7.56" x 0.86"
[283.4mm x 192.0mm x 21.9mm]
- 3.2 lbs [1470g]

AUDIO

- 2 digital microphone array
- 2 integrated speakers

INPUT

- 10 point multi-touch and capacitive stylus, support glove mode and wet-touch mde
- 4 Physical buttons [power, vol+, vol-, F1 key]
- Support MPP 2.0

CAMERAS

- 2MP front camera
- 8MP rear camera, Auto Focus, Flash

WIRELESS

- GPS Ublox on board
- Quectel EM06 (EMEA)
- Wi-Fi 802.11a/b/g/n/AC (AC 9260 M.2 2X2)
- BT 5.1 (AC 9260 M.2 2X2)

INTERFACE

- 2 x Full size USB 3.1 G1
- 1 x RJ45 Gigabit Ethernet Port
- 1 x DC JACK Replaceable
- 1 x HDMI™ Micro Connector
- 1 x Headset 3.5mm
- 1 x Reset hole
- 1 x Micro SIM card reader
- 1 x Micro SDXC
- 1 x Docking connector

POWER SUPPLY

- AC adaptor 65W (19V/3.42A)
- Battery: 7.2V 9447mAh (68Wh)
- Back up battery/Hot swappable external battery
- Battery operation: Up to 16hrs

SECURITY

- FW TPM 2.0 (Optional HW TPM)

COLLABORATION

- Optional Barcode scanner
- Honeywell N4680/N6683/N6783
- 9 Axis MEMS sensors (Accelerometer, eCompass, Gyroscope)
- Ambient Light Sensor
- Proximity Sensor

ACCESSORIES

- AC Adapter 65W (19V / 3.42A)
- Optional Hand Strap with Stylus Holder
- Optional Digitizer
- Optional Shoulder Strap
- Optional Vehicle Dock
- Optional Office Dock
- Optional Battery Charger

LED

- 1 LED With 2 Colors
 - Green: Power status LED
 - Orange: Battery charging LED

OPERATING TEMP RANGE

- -10°C ~ 50°C



MSI CONFIDENTIAL