

RUGGED TABLET

DS13



- High resolution and wide 10.1" WUXGA LCD screen
- Great performance with Intel® Core™ i7-7Y75 Processor
- Efficient operations with LED Backlight Keypad
- Rugged CNC milled aluminum case to withstand harsh and extreme environments
- Designed with MIL-STD-810G & IP65 compliant
- Upgraded with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army) available.
- I/O Expansions with Docklite and DLDS is available.



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Standard Unit

Items	Descriptions
Platform	– Intel® Kaby Lake-Y Platform
Operation System	– Windows10
Processor	– Intel® Core™ i7-7Y75 Processor – 4MB Intel® Smart Cache, up to 3.60 GHz – Intel® Vpro technology
Graphic	– Intel® HD Graphics 615
Display	– 10.1" WUXGA (1920 x1200) LCD – Optical Bonding – Resistive Multi-Touch Type – Brightness (min.~typ.): Std. 640~800 nits
Memory	– 16GB LPDDR3 (On Board)
Storage	– Removable mSATA SSD x 1
Audio	– HD Audio and Mono Speakers
Sensor	– Ambient Light Sensor
Keypad	– 1st Layer: Fn Lock, A1, A2, A3, Volume Up, Volume Down – 2nd Layer: Esc, Ctrl, Alt, Enter, Del, Input Lock, Windows Key – Membrane Function Keys with Backlight
Buttons	– Power Button (Black)
LED Indicators	– Power/S3 (Green/Flashing Green) – SSD/Heater (Green/Orange) – Charge/Battery low (Orange/ Flashing Orange)
Security	– Password Security (Supervisor Password, User Password) – Kensington Lock Slot
Case	– CNC milled Aluminum
Color	– Black – NATO Green
Environmental Specifications	– Operating Temperature: AC Mode: Std.: -20°C ~ +60°C Battery Mode: Std.: -10°C ~ +60°C – Storage Temperature: -40°C ~ +70°C
Dimensions	–286 x 193 x 27 mm
Weight	– Approximately 1.5 kg
Certifications	– CE/FCC/UKCA/RCM – WEEE – REACH – RoHS2.0 – IP65 – MIL-STD-810G (1.2M drop test)
Power	
Main Battery	– Battery Pack BDSB3D: Std: Li-Ion 10.8V/4560mAh
AC Adapter	– 90W, 100-240VAC, 50/60Hz
DC-in	– DC-in 12~32V with BVA & Surge Protector (Fischer 3-pin)

Communications	
GLAN	– 10/100/1000 base-T Ethernet

I/O Interfaces	
Left	– Mini Display Port x 1 – USB 3.1 x 2 – Optional Mini Display Port x 1 – Optional USB 3.1 x 1 – Optional 1st GLAN x 1 (Intel® I210 Mini PCIe Card) – **Optional Sealed Headset (Headphone out/Mic-in Combo) x 1 – Optional Fischer I/O Choose 1~4 out of 6 signals as below Each function can only be chosen once. – USB 2.0 x 1 – COM x 2 (RS232 x 2 or RS232 x1/RS422 x 1) – 2nd GLAN x 1 (Intel® I210 Mini PCIe Card) – **Audio (Headphone out/Mic-in Combo) x 1 **Optional Fischer Audio and Sealed Headset can't coexist
Top	– Micro SD, trade-off with either Barcode Reader or DB9
Bottom	– Docklite Connector (32 pin POGO, Hot Swappable) Signals include: USB 3.1 x 1, DP x 1, Detect pin x 1, Vbata/1A, 5V/1A – Ext. ANT Signals x 2
Internal	– mSATA SSD x 1 – Mini PCIe full-size card x 1 (for GLAN Card; On MB) – Audio/ Headset x 1 – USB 3.1 Gen.1 x 1 – USB 2.0 x 2

Optional Devices

Items	Descriptions
WLAN/ Bluetooth®	– Intel® Dual Band Wireless AC9260 – Wi-Fi Certified: 802.11 a/b/g/n/ac – Bluetooth® 5.0 – Interface: PCIe (WiFi)/ USB (Bluetooth®) – Form Factor: M.2 2230
GNSS	– Ublox Neo-M8N GPS/GLONASS (Interface: USB)
1st GLAN Card	– Intel® I210 GLAN Card – Form Factor: mini PCIe full-size
2nd GLAN Card	– Intel® I210 GLAN Card – Form Factor: 33.5 (W) x 52.1 (D) mm
TPM 2.0	– On MB *Infineon SLB9665XT2.0 FW5.61
Sensor	– AMG sensor module Accelerometer/ Magnetometer /Gyroscope
Digital Mic	– Embedded Digital Mic
Fischer Connectors	– USB 2.0, RS232, RS422, 2nd GLAN, Audio, Sealed Headset
Invisible mode On/Off	– Available
Wide Temp. -30°C ~ +60°C	– Heater and sensor placed in LCD – AC Adapter only
Certifications	– MIL-STD-461G (Ground Navy and Ground Army)
2nd Battery Pack	– Battery Pack BDSB3C: Li-Ion 11.1V/8400mAh
Battery Charger	– Single Battery Charger SCDS for Battery: 10.8V/4560mAh Li-Ion BDSB3D 11.1V/8400mAh Li-Ion BDSB3C
Vehicle Power Cord	– Available
External Vehicle Adapter	– EVA 1275
Docklite	– DLDS



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