

# 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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Items	Descriptions
<b>Platform</b>	– Intel® Kaby Lake-Y Platform
<b>Operation System</b>	– Windows10
<b>Processor</b>	– Intel® Core™ i7-7Y75 Processor – 4MB Intel® Smart Cache, up to 3.60 GHz – Intel® Vpro technology
<b>Graphic</b>	– Intel® HD Graphics 615
<b>Display</b>	– 10.1" (1920 x1200) WUXGA LCD – Optical Bonding – Resistive Multi-Touch Type – Brightness Std. 800 nits <b>Optional:</b> – Invisible Mode: Available
<b>Memory</b>	– 16GB LPDDR3 (On Board)
<b>Storage<sup>1</sup></b>	– mSATA SSD x 1
<b>Audio</b>	– HD Audio and Mono Speakers <sup>2</sup> <b>Optional:</b> – Embedded Digital Mic
<b>Sensor</b>	– Ambient Light Sensor <b>Optional:</b> – AMG sensor module <sup>3</sup>
<b>Keypad</b>	– 1st Layer – 2nd Layer – Membrane Function Keys with Backlight
<b>Buttons</b>	– Power Button
<b>LED Indicators</b>	– Power/S3 (Green/Flashing Green) – SSD/Heater (Green/Orange) – Charge/Battery low (Orange/Flashing Orange)
<b>Security</b>	– Password Security(Supervisor Password, User Password) – Kensington Lock Slot <b>Optional:</b> – TPM 2.0 –
<b>Case</b>	– CNC milled Aluminum
<b>Color</b>	– Black – NATO Green
<b>Environmental Specifications</b>	– Operating Temperature: -20°C <sup>4</sup> ~ +60°C <sup>5</sup> – Storage Temperature: -40°C ~ +70°C <b>Optional:</b> Wide temp.: -30°C <sup>6</sup> ~ +60°C
<b>Dimensions<sup>7</sup></b>	–286 x 193 x 27 mm
<b>Weight<sup>7</sup></b>	– Approximately 1.5 kg

Power	
<b>Primary Battery</b>	– Battery Pack BDSB3D: Li-Ion 10.8V/4560mAh <b>Optional:</b> –2 <sup>nd</sup> Battery Pack BDSB3C: Li-Ion 11.1V/8400mAh
<b>DC-in</b>	– Fischer 3-pin DC-in – 12~32V with BVA & Surge Protector

Communications	
<b>LAN</b>	<b>Optional:</b> – 10/100/1000 base-T Ethernet x 2 – 1 <sup>st</sup> LAN: Intel® I210 LAN Card – 2 <sup>nd</sup> LAN: Intel® I210 LAN Card
<b>WLAN/Bluetooth®</b>	<b>Optional:</b> – Intel® Dual Band Wireless AC9260 – Wi-Fi Certified: 802.11 a/b/g/n/ac – Bluetooth® 5.0
<b>GNSS</b>	<b>Optional:</b> – GPS/GLONASS

I/O Interfaces	
<b>Left</b>	– Mini Display Port x 1 – USB 3.1 Type A x 2 <b>Optional:</b> – Mini Display Port x 1 – USB 3.1 Type A x 1 – 1st LAN RJ45 x 1 – Sealed Headset <sup>8</sup> x 1 – Fischer I/O <sup>8,9</sup> (Choose 1~4 out of 5)
<b>Top</b>	– Micro SD <sup>10</sup> ,
<b>Bottom</b>	– Docklite Connector <sup>11,12</sup>

Accessories	
<b>AC Adapter</b>	– Fischer 3-pin DC-in – 90W, 100-240VAC, 50/60Hz
<b>Battery Charger</b>	– Single Battery Charger SCDS for Battery: 10.8V/4560mAh Li-Ion BDSB3D 11.1V/8400mAh Li-Ion BDSB3C
<b>Vehicle Power Cord</b>	– Available
<b>External Vehicle Adapter</b>	– EVA 1275
<b>Docklite</b>	– DLDS

Certifications	
<b>Certifications</b>	– CE/FCC/UKCA/RCM – WEEE – REACH – RoHS – IP65 – MIL-STD-810G (1.2M drop test) – MIL-STD-461G (Ground Navy) – MIL-STD-461G (Ground Army)

<sup>1</sup> User-removable.  
<sup>2</sup> Fisher connector  
<sup>3</sup> Accelerometer/ Magnetometer /Gyroscope  
<sup>4</sup> Instant Cold Boot via AC Mode.  
<sup>5</sup> Via AC Mode  
<sup>6</sup> Cold Boot via LCD Heater.  
<sup>7</sup> Varies from configurations and optional accessories.

<sup>8</sup> Headphone out/Mic-in Combo, Sealed Headset and sealed headset are mutually exclusive.  
<sup>9</sup> Each function can only be chosen once, support USB 2.0, COM x 2(RS232 x 2 or RS232 x1/RS422 x 1), 2<sup>nd</sup> LAN, Audio(Headphone out/Mic-in Combo), optional antenna signals x 2  
<sup>10</sup> trade-off with either Barcode Reader or DB9  
<sup>11</sup> Support signals: USB 3.1 Type A, DP, Detect pin, Vbata/1A, 5V/1A  
<sup>12</sup> Hot Swappable.



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