

RUGGED TABLET

DS16P



- Powered by the Intel® Core™ Ultra 7 155U processor, delivering secure, reliable, and scalable performance.
- Integrated active thermal management ensures consistent peak performance under heavy workloads.
- 10.1" high-brightness with multi-touch display provides exceptional outdoor readability and smooth user interaction.
- Hot-swappable battery design enables continuous operation without system downtime.
- Comprehensive external I/O interfaces offer versatile connectivity for diverse operational requirements.
- Rugged construction compliant with MIL-STD-810H and IP65 standards ensures durability in the harshest environments.
- Upgradable with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army).



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- Specifications subject to change without notice.
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DS16P



Items	Descriptions
Platform	– Intel® Meteor Lake Platform
Operation System	– Windows 11 IoT
Processor	– Intel® Core™ Ultra 7 processor 155U – 12 Cores, 12MB Cache, up to 4.8GHz – Support vPro®
Graphics	– Intel® Graphics
Cooling System	– Fan Design
Display	– 10.1" (1920 x 1200) WUXGA LCD – Optical Bonding – Brightness: 1000nits ¹ – Capacitive Multi-Touch Screen Optional: – Resistive Multi-Touch Screen – Invisible Mode On/Off ²
Memory	– 16GB, Up to 64GB DDR5-5600
Storage³	– 256GB M.2 2280 PCIe 4.0 SSD Kit x 1 Optional: – 512GB/1TB M.2 2280 PCIe 4.0 SSD Kit x 1
Audio	– HD Audio and Mono Speakers Optional: – Embedded Digital Mic
Sensor	– Ambient Light Sensor
Buttons / Function Keys	– Power Button – 13 Function keys with 5 programmable keys
LED Indicators	– Power: System ON / Modern Standby (Green / Breathing Green) – SSD In Use / Heater (Flashing Green / Flashing Orange) – Battery: Charging / Low (Orange / Flashing Orange)
Security	– TPM 2.0 – Password Security (Supervisor/User password) – Kensington Lock Slot – Intel® vPro® Technology Optional: – Smart Card Reader
Case	– Aluminum-Magnesium Alloy
Color	– Black/NATO Green
Environmental Specifications	– Operating Temperature: -20°C ⁴ ~ +60°C ⁵ – Storage Temperature: -40°C ~ +70°C Optional: – Operating Temperature: -30°C ⁶ ~ +60°C ⁵
Dimensions⁷	– 286 x 193 x 32 mm (with bumpers)
Weight⁷	– 1.5 kg

Power	
Battery⁸	– Battery Pack BDSG3A Li-polymer 11.55V/4800mAh
Input Power	– Fast Charging via Type-C – 45W~100W, 100~240VAC, 50/60Hz – Fisher 3-pin DC-in – 12~32V with BVA & Surge Protector
Wireless & Communications	
LAN	– 2.5G base-T Ethernet – 1 st LAN: Intel®I226LM Optional: – 2.5G base-T Ethernet – 2 nd LAN: Intel®I226LM ¹¹
WLAN/ Bluetooth®	Optional: – Intel® Wi-Fi 6E AX210 (802.11ax) – Bluetooth® 5.3
GNSS	Optional: – GPS/GLONASS/Galileo/Beidou
I/O Interfaces	
Bottom	– 32-pin Docking Connector ^{9,10,16} x 1
Left	– Thunderbolt™ 4 Type-C x 1 (Full function) – USB 3.2 Gen.2 Type-A x 1 – 1 st LAN RJ45 x 1 – Nano SIM Card Slot x 1 Optional: – Invisible Mode Switch ^{2,11} – Fischer I/O ^{2,11} – 2 nd LAN x 1 – COM up to 2 ¹² – Audio In/Out Combo x 1 – USB 2.0 x 1
Right	– Fisher DC-in Jack x 1 Optional: – Smart Card Reader x 1
Rear	– Battery Slot x 1 – SSD Module Slot x 1 – Micro SD Card Slot ¹³ x 1
Accessories	
AC Adapter	– Fisher 3-pin DC-in Jack – 90W, 100-240VAC, 50/60Hz
Docklite	– DLDS ^{10,16}
Stand Unit	– Compatible for DS16P system unit only – Compatible for DS16P attached with DLDS
Cable¹⁴	– Rugged USB-C Output Cable – Rugged Single Fixation USB-C Output Cable
External Vehicle Adapter	– EVA100 (Under development) ^{14,15}
Smart Gang Charger	– SGC10 (Under development)
Certifications	
Certifications	– CE/FCC/UKCA/RCM – WEEE – REACH – POPs – RoHS – IP65 – MIL-STD-810H (1.5m drop test) – MIL-STD-461G (Ground Army) ¹⁶ – MIL-STD-461G (Ground Navy) ¹⁶

¹Varies from display configurations.

²Optional Invisible Mode Switch is mutually exclusive with optional 4th Configurable Fischer I/O.

³User-removable.

⁴Instant Cold Boot via AC Mode.

⁵via AC Mode.

⁶Cold Boot via Heater

⁷Varies from configurations and optional accessories.

⁸Hot-swappable.

⁹Support signals of USB3.1 x 1, DP x 1, Detect pin x 1, Vbata/1A, 5V/1A

¹⁰Compatible with Docklite, DLDS (USB 2.0 x 2, DB9 x 1, VGA x 1, MLAN RJ45 x 1, Ext. ANT connectors x 2)

¹¹Choose up to 4 I/O, the 4th I/O is mutually exclusive with optional Invisible Mode; non-repeatable for LAN and Audio.

¹²Default: RS232, OS selectable RS422, RS485.

¹³Support Micro SDXC for 256GB/512GB/1TB.

¹⁴1.2m detachable cables with locks of EVA100.

¹⁵Upgradable with optional MIL-1275E & MIL-STD-461G (G.A.) are in a bundled package

¹⁶Contact your sales representative for more details.