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).

CE FC UK CA WEEE REACH RoHS POPs Free MIL-STD-461G MIL-STD-810H IP65

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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
Storage[3]	– 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]
Dimensions[7]	– 286 x 193 x 32 mm (with bumpers)
Weight[7]	– 1.5 kg

Power	
Battery[8]	– 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 – 1st LAN: Intel®I226LM **Optional:** – 2.5G base-T Ethernet – 2nd 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 – 1st LAN RJ45 x 1 – Nano SIM Card Slot[16] x 1 **Optional:** – Invisible Mode Switch[2,11] – Fischer I/O[2,11] – 2nd 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
Cable[14]	– 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]

[1]Varies from display configurations.
[2]Optional Invisible Mode Switch is mutually exclusive with optional 4th Configurable Fischer I/O.
[3]User-removable.
[4]Instant Cold Boot via AC Mode.
[5]via AC Mode.
[6]Cold Boot via Heater
[7]Varies from configurations and optional accessories.
[8]Hot-swappable.
[9]Support signals of USB3.1 x 1, DP x 1, Detect pin x 1, Vbata/1A, 5V/1A
[10]Compatible with Docklite, DLDS (USB 2.0 x 2, DB9 x 1, VGA x 1, MLAN RJ45 x 1, Ext. ANT connectors x 2)
[11]Choose up to 4 I/O, the 4th I/O is mutually exclusive with optional Invisible Mode; non-repeatable for LAN and Audio.
[12]Default: RS232, OS selectable RS422, RS485.
[13]Support Micro SDXC for 256GB/512GB/1TB.
[14]1.2m detachable cables with locks of EVA100.
[15]Upgradable with optional MIL-1275E & MIL-STD-461G (G.A.) are in a bundled package
[16]Contact your sales representative for more details.

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