



GRIDCASE 1513

Main Features

- 13.3" LED Backlit Display
- Intel® Core i & Elkhart Lake
- Up to 64GB RAM
- Dual-touch Resistive Touchscreen
- Up to 6 Hours Battery Life
- Military D38999 Connectors as Standard
- Environmental: DEF STAN 00-35 & MIL-STD-810
- EMC: DEF STAN 59-411 & MIL-STD-461

Technical Specification

GRID

RUGGED, CONFIGURABLE COMPUTING



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Internal Specification	
Processor	Intel® Core™ i5-1145G7E 2.6/4.1GHz Intel® Core™ i3-1115G4E 3.0/3.9GHz Intel® Core™ i5-8365UE 1.6/4.1GHz Intel® Core™ i3-8145UE 2.2/3.9GHz Intel® Atom x6413E 1.5/3.0GHz Intel® Atom x6211E 1.3/3.0GHz
Graphics	Intel® Iris Xe and UHD 620 Graphics
Memory	Up to 64GB
BIOS	AMI EFI Optional password protection
Storage	Up to 2TB 2.5" Removable Solid State Drive Hardware and Software Encryption Available
ROM	Optional DVD +/- RW
Operating System	Microsoft Windows Linux
Expansion	Up to 3 x MiniPCIe Slots
Display	13.3" LED Backlit Display 1920 x 1080, FHD 16:9 Aspect Ratio High Bright 1,000Nits
Touchscreen	Dual-touch Resistive
Keyboard	Backlit Sealed QWERTY Keyboard
Mouse	Integrated Thumbstick 3 Button Mouse
Power	9-36V DC 100W Maximum Power Consumption AC Power Supply for Laboratory Use Rugged AC Power Supply Option Available
Battery	Up to 6 hours (Hot-swappable for continuous use)
Interfaces	User Defined (Interfaces are configurable to suit each application. Please speak to us about your requirements)

Environmental Specification	
EMC	DEF STAN 59-411* MIL-STD-461*
Environmental	DEF STAN 00-35* MIL-STD-810*
Operating Temperature	-28°C to +55°C
Storage Temperature	-40°C to + 70°C
Ingress Protection	Up to IP67
Dimensions (WxDxH)	
Atom Version:	324 x 258 x 58mm
i3/i5 Processor Version:	336 x 276 x 81mm
Weight	With Battery 3.5kg Without Battery 3.06kg

*Please enquire for specific details and levels passed



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