



GRIDCASE 1590

Main Features

- 15" LED Backlit Display
- Intel® Core i7 Processor
- Up to 64GB RAM
- PCI/PCI Express Expansion
- Military D38999 Connectors as Standard
- Environmental: DEF STAN 00-35 & MIL-STD-810
- EMC Profile DEF STAN 59-411 & MIL STD 461
- Qualified for TEMPEST and ATEX Environments

Technical Specification

GRID

RUGGED, CONFIGURABLE COMPUTING



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Internal Specification	
Processor*	Intel® Core i7-1185G7E 2.8/4.4GHz Intel® Core i5-1145G7E 2.6/4.1GHz Intel® Core i3-1115G4E 3.0/3.9GHz Intel® Core i7-8665UE 1.7/4.4GHz Intel® Core i5-8365UE 1.6/4.1GHz Intel® Core i3-8145UE 2.2/3.9GHz
Graphics	Intel® Iris Xe and UHD 620 Graphics
Memory	Up to 64GB
BIOS	AMI EFI Optional Password Protection
Storage	Up to 3 x 2TB removable Solid State Drives Hardware and Software Encryption Available
ROM	Optional DVD +/- RW
Operating System	Microsoft Windows Linux
Expansion	Up to 3 x PCI slots Up to 4 x PC/104 Plus or PCI-104 slots Up to 3 x PCI Express slots Up to 5 x Mini PCIe slots
Display	15" LED Backlit Display 1024 x 768, XGA 4:3 Aspect Ratio High Bright Option Available 1600 x 1200 high resolution option available
Keyboard	Backlit Sealed QWERTY Keyboard
Mouse	Integrated Thumbstick 3 Button Mouse
Power	9-36VDC or 90-264VAC Configurable Maximum Power Consumption AC Power Supply for Laboratory Use Rugged AC Power Supply Option Available
Battery	Up to 8 hours (with dual battery option)
Interfaces	User Defined (Interfaces are configurable to suit each application. Please speak to us about your requirements)

*Other Processors available on request

Environmental Specification	
EMC	DEF STAN 59-411** MIL-STD-461**
Environmental	DEF STAN 00-35** MIL-STD-810**
TEMPEST	SDIP-27
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to + 71°C
Ingress Protection	IP67
Dimensions (WxDxH)	350 x 330 x 100mm
Weight	With Battery 8.0kg Without Battery 7.56kg

**Please enquire for specific details and levels passed (These are not the product's limits)



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