



# GRIDCASE 1570

## Main Features

- Up to 2 x External Displays
- Intel® Core i7 Processor
- Up to 64GB RAM
- Up to 2 x 2TB SSDs
- 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<br>Intel® Core i5-1145G7E 2.6/4.1GHz<br>Intel® Core i3-1115G4E 3.0/3.9GHz<br>Intel® Core i7-8665UE 1.7/4.4GHz<br>Intel® Core i7-7600U 2.8/3.9GHz<br>Intel® Core i7-6600U 2.6/3.4GHz |
| Graphics               | Intel® Iris Xe and UHD 620 Graphics   |
| Memory                 | Up to 64GB  |
| BIOS                   | AMI EFI<br>Optional password protection   |
| Storage                | Up to 2 x 2TB 2.5" SATA Solid State Drives<br>Hardware or Software Encryption Available   |
| ROM                    | Optional DVD +/- RW   |
| Operating System       | Microsoft Windows<br>Linux  |
| Expansion              | Up to 3 x PCI Slots<br>Up to 4 x PC/104 Plus or PCI-104 Slots<br>Up to 3 x PCI Express Slots<br>Up to 5 x MiniPCIe Slots  |
| Display                | 2 x External Outputs up to 4096 x 2304 (4K)<br>VGA, HDMI, DVI or DP Available   |
| Keyboard               | None  |
| Mouse                  | None  |
| Power                  | 9-36VDC or 90-264VAC<br>Low power consumption<br>AC power supply for laboratory use<br>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**<br>MIL-STD-461**         |
| Environmental               | DEF STAN 00-35**<br>MIL-STD-810**          |
| TEMPEST                     | SDIP-27                                    |
| Operating Temperature       | -20°C to +55°C                             |
| Storage Temperature         | -40°C to + 71°C                            |
| Ingress Protection          | IP67                                       |
| Dimensions (WxDxH)          | 350 x 330 x 67.5mm                         |
| Weight                      | With Battery 6kg<br>Without Battery 5.56kg |

\*\*Please enquire for specific details and levels passed



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