



# DR-1000-PC

## 1U Rackmount MIL-Spec Computer

### Features Include:

- 6th Generation Intel® Core™ i3, i5, i7 CPU
- Up to 32GB DDR4 Memory
- 90 to 264V AC Power Input Range
- Designed To Meet MIL-STD-810G Shock & Vibration
- 0°C to +50°C Operational Temperature

### System Overview:

Steatite's latest generation, high performance rack mount computer, utilising our extensive experience of computing technology for military, defence and security applications.

Designed to meet MIL-STD-810G standards for shock and vibration, small powerful 1U form factor.

# Specifications

CPU Options	Intel® Core™ i3/i5/i7 CPU (Supports 6th Gen Intel® LGA1151 Processors)
Memory	Up to 32GB DDR4 Memory
Storage	1 x 2.5" HDD / SSD
Graphics	Integrated Intel® HD Graphics (Up to 1920 x 1200@60Hz)
Optical Drive	DVD RW Drive (Behind Screened Access Panel)
I/O	Mains Input (IEC 60320 C14) With Retainer M6 Earth Stud 2 x USB 2.0 (Type A Connectors With Retainer) VGA (15 Way High Density D Socket) / DVI-D 2 x LAN (RJ-45 Sockets - 10/100/1000)
Front Panel Controls	Power Button (Illuminated) Reset Switch (Recessed)
Power Input Range	90 - 264V AC, 3 / 1.5A, 47 - 63Hz
Dimensions (D x W x H)	530mm x 430.5mm x 43.66mm (Excluding Handles)
Weight	Approximately 5.6kg
Safety	BS EN 60950-2006 +A2:2013

<b>Environmental (Designed to meet):</b>	
Packaged	-10°C to +70°C up to 95% RH
Operational	0°C to +50°C, 30% - 75%RH
Pressure	Operational 80mbar Above Standard Atmospheric Pressure
<b>Vibration (Designed to meet):</b>	
In Accordance With MIL-STD 810G Method 514.7; 4.5.2 Procedure 1 - General Vibration	
Packaged	5Hz to 150Hz, Lesser of +/-6mm or +/-2g, 3 Mutually Perpendicular Axes, 1 Octave / Minute, 2 Hours In Each Axis.
Operational	5Hz to 33Hz, 0.125mm Peak, 3 Mutually Perpendicular Axes, 1 Octave / Minute, 2 Hours In Each Axis.
<b>Shock (Designed to meet):</b>	
In Accordance With MIL-STD 810G Method 516.7	
Operational	Half-sine, 15g, 25mS, 3 shocks in each direction of 3 mutually perpendicular axes (tested in extended, open configuration)
Survival (Operate After)	Half-sine, 20g, 23mS, 3 shocks in each direction of 3 mutually perpendicular axes (tested in extended, open configuration)
<b>Electro-Magnetic Compatibility (Designed to meet):</b>	
Emissions (CE)	Conducted Emissions EN55032, A1, A2, Class B Radiated Emissions EN55032, A1, A2, Class B
Immunity (CE)	Electrostatic Discharge Immunity EN61000-4-2 Radiated RF Immunity EN61000-4-3 Transient Immunity EN61000-4-4 Surges EN61000-4-5 Conducted Immunity EN61000-4-6 AC Voltage Dips EN61000-4-11 Mains Harmonics EN61000-3-2
DEF-STAN	DEF STAN 59-411 Iss 2 Pt 3 Ships Below Decks
<b>Order Info / Part Number</b>	
100317-1-000L	1U Rackmount MIL-SPEC PC (Black)
100317-1-000-LAG	1U Rackmount MIL-SPEC PC (Light Admiralty Grey)



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Technical specifications are subject to change without notice. E & OE Issue A.

