



Rugged portable  
computer solutions



inventisgregory



## our vision

To be a leader in the development of innovative products and inspired solutions for the Australian and global market.



## about



Opentec Solutions is a part Inventis Ltd, an Australian Stock Exchange (ASX) listed company that includes Inventis Technology brands including Impart, PNE, EAS and Safezone. Our core values centres on delivering "Safety and Security" in challenging environments.

Opentec is Australia's original rugged computer specialist. We pioneered ruggedised portable computer technologies back in the early 1990's and have been delivering market-leading ruggedised computers and computer-based solutions ever since.

We've helped Australian mountaineers in their advance on Himalayan peaks; helped yachtspople circumnavigate the globe and stay in touch; helped pilots deliver more effective helicopter rescue services; helped nurses and nursing students treat patients; helped soldiers keep the peace; helped hydrographers map coastlines; helped deliver disaster relief to tsunami stricken Pacific neighbours; and helped field-based professionals more effectively run their businesses... our range of products are designed "beyond tough".

Our products span the globe either directly or through partners and our services include:

- › Local and international service and support
- › An ability to customize solutions to meet end-user requirements
- › Guaranteed support up to 5 years after end of sale
- › Local phone and email support
- › A standard 3 year warranty on all products (excluding batteries)
- › Fast service and repairs
- › An extensive quality inspection prior to dispatch to ensure products meet system requirements are met or exceeded

Whether your application calls for semi-rugged, rugged or ultra-rugged, Opentec Solutions has the right solution for you.

# solutions

From Semi-Rugged solutions for general purpose and field-based applications, to Military Rugged models for Defence and industrial roles, our Opentec range offers performance, flexibility and durability to suit a wide range of needs.

- › Notebook PC's
- › Tablet PC's
- › Ultra-Mobile PC's (UMPC)
- › Bespoke solutions



# applications

- › Defence
- › Mining
- › Utilities
- › Telecommunications
- › Hospitals
- › Distribution/Warehousing
- › Transport infrastructure
- › Agriculture environments
- › Extreme weather environments
- › In-field services
- › Education
- › Roadside services

## custom solutions

Opentec not only design and assemble rugged solutions, we also customise our solutions to make them easily accessible. By creating bespoke mounting systems for vehicles, ships and aircraft we can ensure our solution is conveniently placed every time it is required.

We offer user-friendly, portable computer-based systems, right through to biometrics collection and verification solutions all backed by a local support network.







# quality/experience

## Quality

- › Third Party Certification to MIL-STD 810G
- › Third Party Certification to MIL-STD 461F
- › Battlefield proven equipment used globally, including by US, NATO, Australian and Israeli Defence forces
- › Exclusive Agents for the Mildef-Crete range of products and accessories in Australia and New Zealand
- › Fully rugged construction
- › Fully accredited to ISO 9001:2015 Quality Management Systems
- › Fully accredited to ISO 14001:2015 Environmental Management Systems

## Experience

- › A proven capacity to smoothly implement large projects efficiently, quickly, accurately and to agreed performance benchmarks
- › Over 30 years of experience in Australia and NZ
- › Global exporters of our standard and bespoke range of products

## Consistency

- › Consistent service, policies, range and quality

## Performance

- › Proven record of efficient project implementation
- › High level of repeat business due to customer satisfaction
- › Equipment designed and tested to NATO Standards for quality and performance

## Product Range

Complete hardware solution with extensive range of products including:

- › Rugged tablets, PC's, Ultra-Mobile PC's (UMPC's)
- › Rugged accessories including keyboards, flex-bays, docking stations, adjustable stands, server trays switch boxes and routers
- › Custom Design Product (CDP) capability
- › Custom configured range of rugged Tablets, Notebooks and Ultra-Mobile PC's
- › In-house engineering and design teams

## Government and Military Specialist

- › A supplier with demonstrated expertise, experience and commitment in the Government, Military, Rail, Infrastructure and Industrial markets

# handhelds

## DE13 / RPT7E-S8



CPU	Intel® Core™ i7-7Y75 (4M Cache, up to 3.60GHz)
Display	7" 1280 x 800, LED backlit
Display brightness	~780 nits
Touch-screen	Resistive multi-touch
Memory	16GB DDR3 1066MHz
Storage	M.2 2280 M key SATA III SSD
Graphics	Intel® HD Graphics 615
Battery	7.4V Li-ion (4400mAh)
Sensors	Light sensor
Audio	HD Audio and mono speakers, embedded digital mic
Operating System	Windows 10
Temperature operational	-20°C to +60°C (-4°F to 140°F)
Temperature storage	-40°C to +70°C (-40°F to +158°F)
Dimensions (W x D x H)	250 x 144 x 30.5 mm (9.8 x 5.67 x 1.20 in) w/ rubber bumpers
Weight	1.15 kg (2.54 lb) w/ battery
Compliant to	CE, FCC, WEE, REACH, RoHS2.0, IP67, MIL-STD-810G and MIL-STD-461G

Ports and connectors	<i>Options and accessories continued</i>
1 x USB3.1 Type C	WLAN 802.11 a/b/g/n/ac
1 x Docking connector (POGO)	BT 4.2
2 x Ext ANT signals	GPS
1 x 3-pin DC-in (Fischer)	Invisible mode
	TPM 2.0
Options and accessories	-30°C/-22°F Operating Temperature
1 x USB2.0 (Fischer)	Hot swappable 2nd battery
1 x Display Port (Fischer)	7.4V Li-ion (4400mAh)
1 x Giga LAN (Fischer)	MIL-STD-461G – Ground Navy
1 x Serial RS232/422 (Fischer)	MIL-STD-461G – Ground Army
1 x Headset (Fischer)	

## DF8A / RPD8A



CPU	Freescall ARM Coretex-A9 i. MX6 Quad Core 1GHz
Display	5" 480 x 800, LED backlit
Display brightness	~400 nits
Touch-screen	Capacitive multi-touch (Optional: resistive single-touch)
Memory	2GB RAM, 32GB ROM
Battery	3.7V Li-ion (3520mAh)
Sensors	Magnetic, Gravity, Gyro, Proximity & Light
Operating System	Android™ (4.4.3 Jelly Bean or 7.1.1 Nougat)
Temperature operational	-20°C to +60°C (-4°F to 140°F)
Temperature storage	-40°C to +70°C (-40°F to 158°F)
Dimensions (W x H x D)	90 x 169 x 24.5 mm (3.54 x 6.65 x 0.96 in)
Weight	505 g (1.11 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, RoHS 2.0, IP66, MIL-STD-810G and MIL-STD-461F
Weight	1.15 kg (2.54 lb) w/ battery
Compliant to	CE, FCC, WEE, REACH, RoHS2.0, IP67, MIL-STD-810G and MIL-STD-461G

Ports and connectors	<i>Options and accessories continued</i>
1 x Micro SD	1 x GPS antenna (SMA)
1 x DC-in 5V	1 x WLAN/BT antenna (SMA)
Options and accessories	1 x Docking connector USB, RS232, LAN
GPS	(POGO)
WLAN 802.11 b/g/n	1 x DC-in 10-32V DC (Lemo)
Bluetooth 4.0	Double capacity battery 3.7V (7040mAh)
1 x Audio/RS232/USB/VGA/LAN (Fischer)	

## DB7 / RPT5E



CPU	Intel® Atom™ E3825 (1M Cache, 1.33GHz)
Display	5" 800 × 480, LED backlit
Display brightness	~340 nits
Touch-screen	Resistive single-touch
Memory	Up to 8GB DDR3L 1067 MHz
Storage	mSATA II SSD up to 256GB
Graphics	Intel® HD Graphics for Intel Atom® Processor Z3700 Series
Battery	3.7V Li-ion (3900mAh)
Audio	HD audio codec and amplifier, Mono Speaker 0.5 W, Embedded Digital mic
Operating System	Windows 7, 10 and Linux depending on configuration
Temperature operational	-20°C to +55°C (-4°F to +131°F)
Temperature storage	-40°C to +70°C (-40°F to 158°F)
Dimensions (W × H × D)	202 × 98 × 40 mm (7.95 × 3.86 × 1.57 in) w/ bumper
Weight	760 g (1.68lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, RoHS2.0, IP65, MIL-STD- 810G and MIL-STD-461F

### Ports and connectors

1 × USB 2.0  
1 × SD card  
1 × SIM Card  
1 × DC-in (built-in 12-32 V DC)  
1 × Docking connector  
(1 × USB2.0  
Host: 1 × VGA, 1 × DC-in)

### Options and accessories

1 × Audio & mic (Hirose)  
1 × USB (Hirose)  
1 × Giga LAN (Hirose)

### Options and accessories continued

1 × RS232 (Hirose)  
1 × WWAN/GSM antenna (SMA)  
1 × Docking Connector  
Giga LAN, USB, RS232, RGB  
WWAN/GSM Quad band 3G Data  
WLAN 802.11 a/b/g/n  
Bluetooth 4.0 (BLE)  
GPS  
TPM1.2  
Multi-battery charger  
Double capacity battery 7.4V  
(7800mAh)

## Opentec Mobilite 6



CPU	Intel® Core™ i7-7600U (4M Cache, up to 3.90GHz)
Memory	Up to 16 GB DDR4 2133 MHz
Storage	Removable 2.5" SATA III SSD
Graphics	Intel® HD Graphics 620
Battery	10.8V Li-ion (5800mAh)
Operating System	Windows 10
Temperature operational	-20°C to +50°C (-4°F to +122°F)
Temperature storage	-40°C to +70°C (-40°F to +158°F)
Dimensions (W × D × H)	250 × 190 × 45.2 mm (9.84 × 7.48 × 1.78 in) w/ bumpers
Weight	~2.3 kg (~5.07 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, WHLK, IP54, RoHS2.0, MIL-STD-810G and MIL-STD-461F
Temperature storage	-40°C to +70°C (-40°F to 158°F)
Dimensions (W × H × D)	202 × 98 × 40 mm (7.95 × 3.86 × 1.57 in) w/ bumper
Weight	760 g (1.68lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, RoHS2.0, IP65, MIL-STD- 810G and MIL-STD-461F

### Ports and connectors

1 × Serial (DB9)  
2 × USB 3.1 Type A  
1 × RJ45 Giga LAN  
1 × Docking connector (COM2/3, USB2.0, Mic, Speaker, Line-in, VGA, PS2, DVI, Giga LAN)  
1 × MIL DC-in 12-32 V  
1 × 2nd battery connector  
Multibay w/ 1 × ExpressCard Slot & 1 × SIM Card/SD Card slot

### Options and accessories

GPS  
Bluetooth 5.0  
WLAN a/b/g/n/ac  
Docking station (Docklite 10)  
Stand for vehicle mounting  
2nd battery 10.8V Li-ion (8700mAh)  
TPM2.0  
Night vision  
Invisible mode  
-30°C/-22°F Operating temperature

# tablets

## DS13 / RPT10W-S8



CPU	Intel® Core™ i7-7Y75 (4M Cache, up to 3.60GHz)
Display	10.1" 1920 x 1200, LED backlit
Display brightness	~770 nits
Touch screen	Resistive multi-touch screen
Memory	16GB DDR3 1866MHz
Storage	mSATA III SSD up to 512GB
Sensors	Light sensor, accelerometer/magnetometer/gyroscope
Graphics	Intel® HD Graphics 615
Battery	11.1V Li-ion (4200mAh)
Audio	HD Audio and mono speakers, embedded digital mic
Operating System	Windows 10
Temperatures operation	-20°C to +60°C (-4°F to 140°F)
Temperature storage	-40°C to 70°C (-40°F to +158°F)
Dimensions (W x D x H)	280 x 186 x 20 mm (11.0 x 7.3 x 0.8 in) w/o rubber bumpers
Weight	1.39 kg (3.06 lb)
Compliant to	CE, FCC, WEE, REACH, RoHS2.0, IP65, MIL-STD-810G and MIL-STD-461F

Ports and connectors	<i>Options and accessories continued</i>
1 x RJ45 Gbit LAN (trade-off DisplayPort)	1 x GLAN/Mini DisplayPort/USB 3.0
1 x Mini DisplayPort	1 x USB 2.0 (Fischer)
2 x USB 3.0	1 x VGA (Fischer)
1 x Docking connector (POGO)	2 x COM (Fischer) (RS232 x2 or RS232 x1/RS422 x1)
1 x Micro SD	1 x GLAN (Fischer)
1 x SIM Card Slot	1 x Audio (Fischer)
1 x DC in 12-32 V	1 x Sealed Headset (Fischer)
Options and accessories	TPM 1.2
WiFi 802.11 a/g/n	-30 °C Operating Temperature
BT 4.0	-40 °C Operating Temperature
GPS	Dual GLAN Card
Invisible mode	Double capacity battery
AMG sensor	11.1 V Li-ion (8400mAh)

## DR13 / RPT8-S8



CPU	Intel® Core™ i7-7600U (4M Cache, up to 3.90GHz)
Display	8.4" 1024 x 768 LED backlit
Display brightness	~730 nits
Touch screen	Resistive single-touch
Memory	Up to 16 GB DDR4 2133 MHz
Storage	Removable 2.5" SATA III SSD
Graphics	Intel® HD Graphics 620
Battery	10.8V Li-ion (5800mAh)
Operating System	Windows 10
Temperature operational	-20°C to +50°C (-4°F to +122°F)
Temperature storage	-40°C to +70°C (-40°F to +158°F)
Dimensions (W x D x H)	250 x 190 x 45.2 mm (9.84 x 7.48 x 1.78 in) w/ bumpers
Weight	~2.3 kg (~5.07 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, WHLK, IP54, RoHS2.0, MIL-STD-810G and MIL-STD-461F
Compliant to	CE, FCC, WEE, REACH, RoHS2.0, IP67, MIL-STD-810G and MIL-STD-461G

Ports and connectors	Options and accessories
1 x Serial (DB9)	GPS
2 x USB 3.1 Type A	Bluetooth 5.0
1 x RJ45 Giga LAN	WLAN a/b/g/n/ac
1 x Docking connector (COM2/3, USB2.0, Mic, Speaker, Line-in, VGA, PS2, DVI, Giga LAN)	Docking station (Docklite 10)
1 x MIL DC-in 12-32 V	Stand for vehicle mounting
1 x 2nd battery connector	2nd battery 10.8V Li-Ion (8700mAh)
Multibay w/ 1 x ExpressCard Slot & 1 x SIM Card/SD Card slot	TPM2.0
	Night vision
	Invisible mode
	-30°C/-22°F Operating temperature

# DT13 / RPT9W-S8



CPU	Intel® Core™ i7-7600U (4M Cache, up to 3.90 GHz)
Display	9" 1280 × 768 LED backlit
Display brightness	~700 nits
Touch screen	Resistive multi-touch
Memory	Up to 16 GB DDR4 2133 MHz
Storage	Removable M.2 2280 SATA III SSD 256 GB / 512 GB
Keyboard	62 keys with LED backlight
Graphics	Intel® HD Graphics 620
Battery	10.8V Li-ion (5800mAh)
Operating System	Windows 10
Temperatures operational	-30°C to +50°C (-22°F to +122°F)
Temperature storage	-40°C to +70°C (-40°F to +158°F)
Dimensions (W x D x H)	259 × 199 × 49.2 mm (10.20 × 7.83 × 1.94 in) w/ bumpers
Weight	~2.5 kg (~5.50 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, WHLK, IP65, RoHS2.0, MIL-STD-810G and MIL-STD-461F

## Ports and connectors

1 × Serial (DB15)  
(COM1: RS232/422/485 BIOS  
Selectable + COM3 RS232)  
2 × USB 3.1 Type A  
1 × USB 3.1 Type C  
1 × RJ45 Giga LAN  
1 × Docking connector  
(120 pins)  
1 × MIL DC in 12-32 V  
2nd battery connector

## Ports and connectors continued

Multibay w/ 1 × ExpressCard  
Slot & 1 × SIM Card/SD Card slot

## Options and accessories

GPS  
Bluetooth 5.0  
WLAN a/b/g/n/ac  
Docking station (Docklite 10)  
Stand for vehicle mounting  
2nd battery 10.8 V Li-ion (8700mAh)  
Night vision



# notebooks



RS13 / RPC13W-S8

CPU	Intel® Core™ i7-7600U (4M Cache, up to 3.90 GHz)
Display	13.3" 1920 × 1080 LED backlit
Display brightness	~400 nits
Memory	Up to 16 GB DDR4 2133 MHz
Storage	2.5" SATA III SSD (removable)
Graphics	Intel® HD Graphics 620
Battery	11.1V Li-Polymer (6040mAh)
Input devices	83-key backlit keyboard, resistive single-touch touchpad
Audio	HD Audio and stereo speakers, embedded digital mic
Operating System	Windows 10
Temperatures operational	–20°C to + 60°C (–4°F to +140°F)
Temperature storage	–40°C to +70°C (–40°F to +158°F)
Dimensions (W × D × H)	338 × 265 × 31.5 mm (13.31 × 10.43 × 1.24 in) w/ bumpers
Weight	2.5 kg (5.51 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, IP65, WHLK, RoHS2.0, MIL-STD-810G and MIL-STD-461G
Compliant to	CE, FCC, WEE, REACH, RoHS2.0, IP65, MIL-STD-810G and MIL-STD-461F

## Ports and connectors

1 × Display port or VGA port  
1 × SIM Card Slot  
1 × Serial port (DB9)  
1 × USB 3.1 (USB-IF BC V1.2 for 1.5 A fast charger)  
1 × USB 3.1  
1 × RJ45 Giga LAN  
1 × MIL DC in 12–32 V

## Options and accessories

1 × 2nd RJ45 Giga LAN  
1 × Giga LAN (Fischer)  
1 × VGA (Fischer)  
1–2 × Serial I/O RS232/RS422 (Fischer)  
1 × Audio (Fischer)  
1 × USB2.0 (Fischer)  
1 × Docking connector (POGO)

## Options and accessories continued

TPM2.0  
WLAN 802.11 a/b/g/n/ac  
Bluetooth 4.2 (BLE)  
WWAN 4G  
Capacitive touch panel display  
–30°C/–22°F Operating Temperature



RV11 / RPC15W

CPU	Intel® Core™ i7-3517UE (4M Cache, up to 2.80 GHz)
Display	15.6" 1920 × 1080 LED backlit
Display brightness	~250 nits
Memory	Up to 8 GB DDR3 1600 MHz
Storage	2.5" SATA III SSD (removable)
Graphics	Intel® HD Graphics 4000
Battery	11.1V Li-Polymer (6040mAh)
Input devices	Backlit Keyboard, resistive single-touch touchpad, works with gloves (Win8/10 compatible)
Audio	HD Audio and stereo speakers, embedded mic
Operating System	Windows 7/10
Temperatures operational	–20°C to +60°C (–4°F to +140°F)
Temperature storage	–40°C to +70°C (–40°F to +158°F)
Dimensions (W × D × H)	386 × 299 × 32 mm (15.20 × 11.77 × 1.26 in) w/ bumpers
Weight	3.7 kg (8.16 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, IP65, WHL, RoHS2.0, MIL-STD-810G and MIL-STD-461F

## Ports and connectors

1 × SD Card Slot (supports SDHC/SDXC)  
1 × SIM Card Slot  
1 × USB 3.0 (USB-IF BC V1.2 for 1.5A fast charger)  
1 × USB 3.0  
1 × RJ45 Giga LAN  
1 × MIL DC 12–32 V

## Options and accessories

1 × 2nd RJ45 Giga LAN  
1 × Giga LAN (Fischer)  
1 × VGA (Fischer)  
1–2 × Serial I/O RS232/RS422 (Fischer)  
1 × Audio (Fischer)  
1 × USB2.0 (Fischer)  
1 × Mini HDMI  
1 × Docking connector (POGO)

## Options and accessories continued

Viasat Eclypt Self encrypting SSD  
GPS  
WLAN 802.11 a/b/g/n  
Bluetooth 4.0 (BLE)  
WWAN HSPA 3G  
–30°C/–22°F Operating Temperature  
Night Vision



## RW14 / RPC15S-S8

CPU	Intel® Xeon® E-2176M (12M Cache, up to 4.40 GHz)
Display	15.6" 1920 x 1080 TFT LCD (Capacitive touch-screen option available)
Display brightness	~300 nits (800 nits high brightness option available)
Memory	Up to 64 GB DDR4 2400 MHz
Storage	Up to 4x SATA III SSD (removable)
Graphics	Intel® HD Graphics P630
Battery	2x 10.8V Li-ion (5800mAh)
Input devices	Resistive single-touch touch pad
Audio	HD Audio and Stereo Speakers, embedded mic
Operating System	Windows 10 and Server 2016
Temperatures	-20°C to +60°C (-4°F to +140°F)
Temperature storage	-40°C to +70°C (-40°F to 158°F)
Dimensions (W x D x H)	392 x 302 x 42 mm (15.43 x 11.89 x 1.65 in) w/ bumpers
Weight	4.86 kg (10.71 lb) w/ battery
Compliant to	CE, FCC, WEEE, REACH, RoHS, WHQL, IP65, MIL-STD-810G and MIL-STD-461F

### Ports and connectors

4 x SSD Bays  
 2 x USB 2.0  
 1 x RJ45 Giga LAN  
 1 x USB 3.0 (1.5 A fast charger)  
 1 x USB 3.1  
 1 x Display port  
 1 x VGA  
 2 x Serial DB9 RS232/422/485  
 1 x MIL DC in 12-32 V  
 3 x 3.5 mm (Mic, Line-in/earphone)

### Options and accessories

1 x Mini HDMI  
 1 x Mini-Flex bay  
 (trade-off with 3rd~4th SSD)  
 1 x Docking connector (POGO)  
 1 x 2nd RJ45 Giga LAN  
 ViaSat Eclipt Self encrypting SSD  
 GPS  
 WLAN 802.11 ac/a/b/g/n  
 WWAN 4G  
 Bluetooth v4.0 (BLE)

### Options and accessories continued

COM3/4 RS232/422/485  
 -30°C/-22°F Operating Temperature  
 NVIDIA GeForce® GTX1050M 4GB  
 Handle on front  
 Backpack



## RK12 / RPC15-S8

CPU	Intel® Core™ i7-6822EQ (8M Cache, up to 2.80 GHz)
Display	15" XGA 1024 x 768 LED backlit
Display brightness	~450 nits
Memory	Up to 32 GB DDR4 2133 MHz
Storage	Removable 2.5" SATA III HDD / SSD
Operating System	Windows 7/10
Graphics	Intel® HD Graphics 530
Battery	10.8V Li-ion (8700mAh)
Input devices	83-key backlit keyboard, resistive touchpad
Audio	HD Audio and Stereo Speakers
Temperatures	-20°C to +55°C (-4°F to +131°F)
Temperature storage	-40°C to +70°C (-40°F to +158°F)
Dimensions (W x D x H)	351.6 x 294.2 x 78.7 mm (13.84 x 11.58 x 3.10 in) w/ bumpers
Weight	5.5 kg (12.13 lb)
Compliant to	CE, FCC, WHQL, WEEE, REACH, IP65, MIL-STD-810G and MIL-STD-461G

### Ports and connectors

1x Flex Bay  
 (2nd HDD/DVD/Battery)  
 1 x PS/2  
 2 x USB 3.0  
 1 x USB 2.0  
 (USB fast charge)  
 3x 3.5 mm  
 (Mic, Line-in/earphone)  
 1 x RJ45 Giga LAN  
 1 x Express card (PCIe)  
 2 x Serial port DB9  
 (COM1 & COM2)  
 1 x Display Port  
 1 x DVI

### Ports and connectors continued

1 x VGA  
 1 x MIL DC in 12-32 V  
 1 x Docking connector

### Options and accessories

2 x Serial port DB9  
 1 x PCMCIA II  
 ViaSat Eclipt Self encrypting SSD  
 GPS  
 Removable 3.5" DVD-RW 2nd SATA  
 High Brightness 800~1000 nits  
 Resistive single touch screen  
 HDD with heater or secondary  
 battery.

### Options and accessories continued

Flex bay with DC, PCIe, USB, LAN,  
 SATA and serial signals for customer  
 specific modules  
 WLAN 802.11 a/b/g/n/ac  
 Bluetooth 4.2  
 HSDPA/3G  
 TPM2.0  
 2nd battery 10.8V Li-ion (8700mAh)  
 Multi battery charger  
 -30°C/-22°F Operating Temperature  
 Surge protector/BVA module  
 -30°C/-22°F Operating Temperature  
 NVIDIA GeForce® GTX1050M 4GB  
 Handle on front  
 Backpack

# accessories



## Specifications

2 × Gbit LAN  
 2 × COM-ports  
 1 × Full RS232/RS485  
 1 × Tx / Rx  
 USB  
 PCIe  
 SATA  
 Power in/out  
 2nd HDD/SSD: SATA & Heater  
 2nd Battery: 7200 mAh Lithium Ion  
 DVD±RW: 3.5" CD/DVD SATA



Designed to meet  
 Certifications  
 Temp operating  
 Temp storage  
 Dimensions (W × D × H)  
 Weight

USB, 66 keys, backlight, right/left click, stickpointer, Magnesium  
 IP54  
 CE/FCC  
 -20 to +50 °C  
 -40 to +70 °C  
 190 × 90 × 12 mm  
 170 g



Designed to meet  
 Temp operating  
 Temp storage  
 Dimensions (W × D × H)  
 Weight

66 key B/L, Elastormer keys (backlight), USB  
 IP54, MIL-STD-810G  
 -30 to +55 °C  
 -40 to +70 °C  
 235 × 200 × 15.5 mm  
 <0.7 kg



Opentec  
RKBSTD Keyboard

Operating force	89 key layout (emulates 101 /102 keys) Windows keys, Elastomer keys (backlight)
Full travel	60 +/-20 g
Life	2 mm
Weight	> 1 million times
Size of the key caps part	1.2 kg, 1.7 kg with rubber plate (option)
Size of the keyboard	275 x 100 mm
Designed to meet	325 x 172 mm (W x D)
Temp operating	IP54, MIL-STD-461D (option)
Temp storage	-20 to +50 °C
	-30 to +70 °C



Opentec  
RKB301 Keyboard

Weight	0.8 kg
Designed to meet	IP54, MIL-STD-810G, MIL-STD-461F
Temp operating	-40 to +71 °C
Temp storage	40 to +71 °C
	Backlit Keyboard with 87 key layout + numpad, integrated trackpad (including buttons). CNC milled Aluminum
Weight	0.8 kg
Designed to meet	IP54, MIL-STD-810G, MIL-STD-461F
Temp operating	-40 to +71 °C
Temp storage	40 to +71 °C

## accessories



Opotec  
DockLite Standard

### Connections

1 × RJ45 GigaLAN  
2 × USB 2.0  
2 × Sealed MIL USB 2.0  
1 × VGA (DB15)  
2 × RS232(DB9)  
1 × MIL DC in with surge protection  
1 × Audio Out  
1 × Mic

*(option for tablets)*



Opotec  
DockLite Fiber

### Connections

1 × 100 Mbit 1310 nm MultiMode LC  
2 × USB 2.0  
2 × Sealed MIL USB 2.0  
1 × VGA (DB15)  
2 × RS232 (DB9)  
1 × MIL DC In with surge protection  
1 × Audio Out  
1 × Mic

*(option for tablets)*



DockLite DS

### Connections

1 × VGA (DB15)  
1 × MLAN  
2 × USB 2.0  
1 × RS232(DB9)  
1 × MIL DC in with surge protection

*(option for RPT10W)*



## Opentec BMS Docking station

Signals	Docking station for RPT8 1 × COM2 (RS232) 1 × COM3 (RS232) 1 × VGA 1 × Video 1 × GPS-Antenna (optional) 1 × USB 1 × COM4 = USB > RS232 1 × GPS (Military or Industrial) 1 × LAN/FiberLAN 5 V out
Designed to meet	IP54, MIL-STD-810F, MIL-STD-461E and MIL-STD-1275 1 × DC
Dimensions	250 × 80 × 216 mm



## Opentec Adjustable stand Tablets

Specifications	Stand for our tablets Adjustable in all directions. The joint consists of a rubber ball, which acts as a vibration damper.
Dimensions (W × H × D)	244 × 312 × 165 mm
Weight	2.3 kg

special  
electronics



## 19"/2" CS1100 series

MIL Standards	A rugged server based on the Intel® Xeon® platform. Up to 128 GB RAM and a hardware RAID with removable disks. MIL-STD-810G, MIL-STD-461F, MIL-STD-1275D & IP65
Temp operating	–40 to +55°C;
Temp storage	–40 to +71°C
Dimensions	220 × 400 × 88 mm,
Weight	8 kg

### Interfaces (front)

1 × KPT  
1 × DC in 16–32 V  
1 × Dual USB  
2 × USB-A 3.0  
2 × HMC  
1 × ETH (1000BASE-SX, OM2)  
1 × 38999  
1 × VGA  
1 × Audio In / out  
2 × USB 2.0  
1 × RS232  
3 × SSD Caddy  
1 × 2.5" SATAIII

### Interfaces (back):

1 × Binder  
1 × Service port (serial)  
1 × 38999  
3 × USB 2.0  
1 × Remote Power on  
2 × RS232

*CS1100 series are available in different configurations, either with MIL connectors or rugged industrial connector. Configuration above is based on the CS1101.*



## 19"/2" CS300 series

MIL Standards	A rugged server based on the Intel® Xeon® platform, up to 32GB RAM and a hardware RAID with removable disk (optional). MIL-STD-810G, MIL-STD-461F, MIL-STD-1275D & IP54
Temp operating	–40 to +55°C;
Temp storage	–40 to +71°C
Dimensions	220 × 332 × 88 mm
Weight	7 kg

### Interfaces (front)

1 × ITS  
1 × DC in 10–32 V  
1 × 38999  
1 × VGA  
1 × RS232  
1 × Audio in/ out  
2 × USB 2.0  
1 × 38999  
4 × ETH (1000BASE-T)  
3 × SSD Caddy  
1 × 2.5" SATAII  
1 × 38999

### 1 × DVI

3 × USB 2.0  
2 × RS232 (COM3/COM4)\*  
1 × Remote power on

### Interfaces (back):

1 × Service port (serial)

*CS300 series are available in different configurations, either with MIL connectors or rugged industrial connector. Configuration above is based on the CS371. \*Rx/Tx/RTS only*



## 19"/2" ESW1100 series

MIL Standards	A rugged unmanaged gigabit ethernet switch, with option for Power over Ethernet and fiber. MIL-STD-810G, MIL-STD-461F, MIL-STD-1275D & IP65
Temp operating	–40 to +71°C;
Temp storage	–40 to +71°C
Dimensions	220 × 200 × 44 mm

### Connections on front:

1 × ITS  
1 × DC in 10–32 V  
8 × RJ45  
1 × ETH (1000BASE-T)  
2 × LC  
1 × ETH (1000BASE-LH)

### Connections on back:

1 × Binder  
1 × Service port (serial)

*ESW1100 series are available in different configurations, including PoE and fiber options. Configuration above is based on the ESW1123.*

## 19"/2<sup>®</sup> RM200 series



MIL Standards:	MIL-STD-810G, MIL-STD-461F, MIL-STD-1275D & IP65
Temp operating	−40 to +71°C;
Temp storage	−40 to +71°C
Dimensions	220 × 202 × 44 mm
Weight	4 kg

### Connections on front:

1 × 38999 (WAN)  
 2 × ETH (100BASE-TX)  
 1 × 38999 (LAN)  
 2 × ETH (100BASE-TX)  
 1 × 38999 (LAN)  
 1 × ETH (100BASE-TX)  
 1 × KPT  
 1 × DC in 10–32 V  
 1 × 38999 (WAN)  
 1 × ETH (100BASE-TX)

### Connections on back:

1 × Binder  
 1 × Service port (serial)

*RM200 series are available in different configurations, either with MIL connectors or rugged industrial connector. Configuration above is based on the RM212.*

## 19"/2<sup>®</sup> PWR1100 series



MIL Standards	MIL-STD-810G, MIL-STD-461F, & IP65
Temp operating	−40 to +55°C;
Temp storage	−40 to +70°C
Dimensions	220 × 400 × 88 mm
Weight	9.3 kg

### Connections on front:

9x ITS  
 1xDC out. 28 V DC (Normal mode)  
 1xRJ45  
 1xEthernet SNMP  
 1xEthernet SNMP port (RJ45)  
 1xSystem button  
 1xMute button  
 1xLoad button

### Connections on back:

1xPower in 110/230 VAC  
 1xService port

*PWR1100 series are available in different configurations. Configuration above is based on the PWR1121.*

## RD10



Specifications	XGA 1024 × 768, typ. 500 cd/m <sup>2</sup> , 400:1 contrast Invisible Mode (wire), NVIS, PIP, Heater, Speaker, F1 – F13 keys Key backlight, USB hub, Touch screen, Remote ON/OFF (with DP-DVI), Built In Vehicle adapter 18–32 V
Compliant to	MIL-STD-810F, IP65, MIL-STD-461E
Temp operating	−32 to +55°C
Temp storage	−46 to +70 °C
Dimensions	293 × 62 × 235 mm (W × D × H)
Weight	3 kg

### Connections on back:

1 × Earth stud M8  
 1 × MIL DC Power Jack 18–32 V  
 1 × MIL Composite Video In, RS232  
 1 × MIL DP-DVI  
 1 × MIL VGA (RGB)  
 2 × MIL USB 1.1

### Options and accessories:

Connecting cables  
 AC/DC adapter  
 Stylus pen  
 Nightvision  
 Stealthmode



inventisgregory

INVENTIS GREGORY GROUP

Opentec Solutions Pty Ltd  
ABN: 28 003 054 304

Unit 4, 2 Southridge Street  
Eastern Creek, NSW, 2766

1300 003 339 or 02 8808 0400  
02 9631 2488

[sales@inventisgregory.com.au](mailto:sales@inventisgregory.com.au)

