

SPECIFICATION SHEET



RPC15 Series 7 RUGGED NOTEBOOK PCs with 15.1" LCDs

RELEASE DATE: 10/12/14



PRODUCT OVERVIEW

The 'Series 7' RPC15 notebook computers with 15.1" LCDs combine the faster, gutsier 1.5GHz (Upto 2.4GHz) Intel i7-2610UE CPU with larger hard drives, more RAM, enhanced external dust seals, more rigid screen housings, higher ingress protection ratings and brighter LED back-lighting. They offer in most respects the same features as the RPC13 models, with the added benefit of having optional higher resolution SXGA LCDs, an internal expansion card slot, a DVI port, as well as rear and side chassis space to accommodate additional I/Os. This makes the RPC15 a more flexible option for applications requiring integration with 3rd party electronics and where additional external device connectivity is required; or requiring more graphics intensive applications need to be run.

Based on the proven chassis design that has made this model's durability legendary in industrial and defence markets, the RPC15 is available in either Industrial Rugged ('-I') or Military Rugged ('-M') models. Like all its stable mates, these notebooks don't just exceed MIL-STD-810F standards for vibration, impact, dust and moisture resistance, they raise the bar to new levels.

The RPC15 also shares some features and options with its stablemate, the RPC 17, thus making it an option for in-vehicle or field operations server where a smaller footprint is required. An optional CAN-Bus interface, integrated card chip reader, internal vehicle power adapter (meaning it can be plugged directly into 12-32V DC vehicle supplies without an external power adapter) and optional GPS and 3G modules make it ideal for vehicle based applications in confined spaces.

The external DVI port for applications where a second screen is required (e.g. for field command and control scenarios) can be supplied with standard DVI pin-outs or custom pinning to suit specialised external monitors. And because it's an Opentec product, the options for PCB, chassis and mounting system customisation are extensive.

KEY FEATURES

- 1.5-2.4GHz Intel i7-2610UE processor
- 15" XGA (1024x768) LCD or SXGA (1400x1050) with LED back-lighting & Optical bonding
- Optional standard touchscreen resistive, Sunlight readable
- Magnesium Alloy chassis with fan-less cooling system
- Modular design includes removable HDD, DVD & batteries, plus optional WiFi, 3G, GPS
- Superior levels of shock, impact and dust resistance

RUGGEDISATION

Models	RPC15I RPC15M
Classes	Industrial Military
Levels	Fully Rugged Plus Super Rugged



STANDARDS

Meets or exceeds the following standards:

Drop/Shock	MIL-STD 810FG 516.6, Procedure I (1.22 m 26 drops test); 40G 11ms
Vibration	MIL-STD 810FG 514.6, Procedure I, Category 1, 14, 20 Tracked Vehicle Vibration Helicopter Vibration O H58A/C Comp. Wheeled Vehicle Vibration
Rain	MIL-STD 810G Method 506.5
Solar Radiation	Diurnal Cycle A1 worldwide deployment
Explosive	MIL-STD-810G Method 511.5
IP rating	IP 65
EMC & Electrical Safety	CE, FCC MIL-STD-461F EN 60950-1:2006+A12:2011 EN 55022 Class B (2010)

Meets the operational ratings:

Temperature	Operating: -20C ~ 50C Storage: -55C ~ 75C
Humidity	Operating: 5% ~ 95%
Altitude	Operating: 4,570m (15,000ft) Storage: 12,190m (40,000ft)

