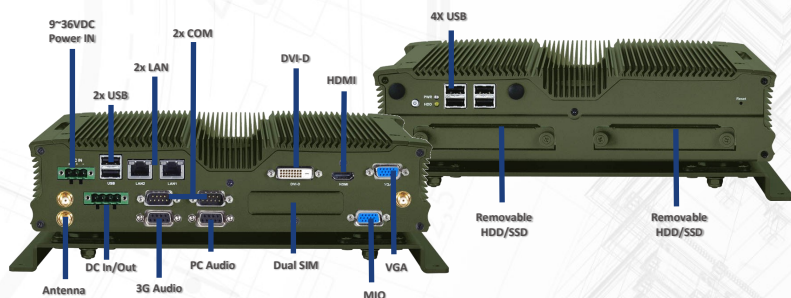


BCD-RGD-5570-7C

Fanless In-Vehicle Computer with Intel Core i7-2655LE Processor



Features

Fanless Design with Corrugated Aluminum

The corrugated aluminum casing allow heat to dissipate off the top of the platform allowing for a fanless design.

Design for MIL-STD-810G with Extreme Vibration Resistance

BCD-RGD-5570 is in compliance with MIL-STD-810G in vibration and shock with SSD storage. The Suspension Kit is also available for further harsh environment.

Vehicle Ignition Power Management

Detect the ignition on/off status and allow controlling delay time by flexible setting via utility.

Design for Extreme Operating temperature

This product is ruggedized to support a wider than usual range of temperatures. Outfitted with industrial components (SSD, Memory) this appliance can thrive in harsh conditions.

Diversity of Digital Input/Output Support

Besides 4x DI, 3x DO with 12V TTL level for easy usage with vehicle parts., additionally LVC- 5570 supports 2x DI (5V TTL for MCU) which can connect sensors to detect the environment. Once certain events occur, BCD-RGD-5570 can be turned on automatically.

3G Voice Communication

This vehicle PC supports 3G voice communication which allows people can communicate with operating center through voice directly.

(Validated MC- 8090/8092 3G module Only)

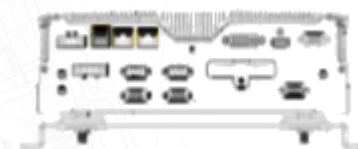
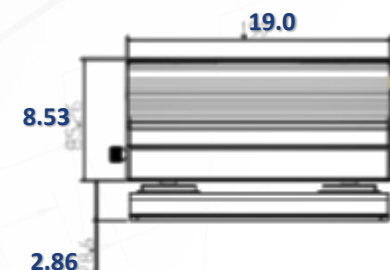
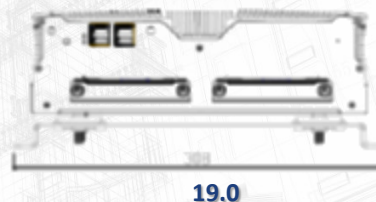
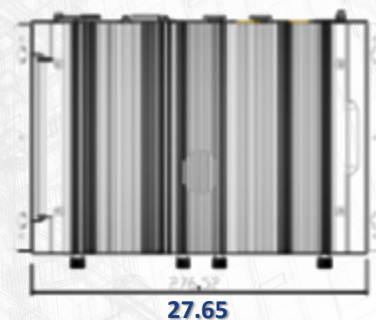
Convenient DC Output

BCD-RGD-5570 offer 9~36VDC (max 10A) output for external devices. It can be enabled or disabled via software.

Dual Front Access SIM Card Reader

The external SIM card readers, allowing end-users to change or install a SIM card without opening the case.

Dimensions 27.65 x 19.0 x 8.53cm



Specifications

Dimensions (WxHxD)		27.65 x 19.0 x 8.53cm
Processor		Intel Core i7-2655LE Processors
Chipset		Intel HM65
System Memory	Technology	DDR3 SO-DIMM x2
	Max. Capacity	Up to 16GB
Storage	SATA	Removable 2.5" SSD/HDD drive bay x2, on-board 8GB SSD
Ethernet Controller		Intel 82574L x2
Graphic Controller		Intel integrated HD graphic engine
Audio Controller		Realtek ALC886 HD codec
IO	LAN	GbE RJ45 x2
	Display	DVI-D, maximum resolution up to 1920 x 1200 @60 Hz / VGA, maximum resolution up to 2048 x 1536 @75 Hz / HDMI, maximum resolution up to 1920 x 1200 @60 Hz / Dual display function supports Independent, clone and extended mode.(VGA+DVI or VGA+HDMI)
	Audio	1x Mic-in and Line-out (for PC) with 2 watt 1x Mic-in and Line-out (for Validated MC-8090/8092 3G module) under DB9 female connector
	Serial I/O	2x RS-232/422/485 with RI/5V/12V
	GPS	Ublox NEO-6Q GPS receiver module
	G-Sensor	ADXL 345
	GPIO	4x DI 12V TTL Level 3x DO 12V TTL Level 2x DI (for MCU) 5V TTL Level
	USB 2.0	Type A x6
	Power Input	3-pin terminal block (+, -, ignition)
	Expansion	Mini-PCIE x4 with 3 SIM card readers
	Others	External: 5x SMA antenna hole, reset, Remote Power switch 9~36Vdc (max. 10A) output software On/Off controllable
Power Input		+9~36VDC input range, ATX mode support ignition delay on/off control
AC Adapter		Ordering Option
OS Support		Linux: Redhad Enterprise 5/ Fedora 14. Linux Kernel 2.6.18 or later Windows: Microsoft Windows 7/XP/XP pro; Embedded/7 Embedded
Certifications		CE, FCC Class A, E13, RoHS
Compliance		Vibration: MIL-STD-810G, Method 514.6 Shock:MIL-STD-810G, Method 516.6
Operating Temp.	Extended	With Industrial Components — -20~55°C/-4~131°F
	Standard	With Commercial Components — -5~45°C / 23~113°F

BCD-RGD-5570-7C

Intel® i7-2655LE In-Vehicle Computer, DDR3 SO-DIMM x2, Onboard 8GB SSD chip, 2.5" Removable Drive Bay x2, Mini-PCIE x4 with three SIM card reader, Intel GbE x2, USB x6, COM x2, PC Audio, Multiple I/O integrated Dlx4, DOx3, remote power button and 12VDC output, DC Power input +9~36Vdc with Ignition, Suspending Kit and PoE Power Adapter included.