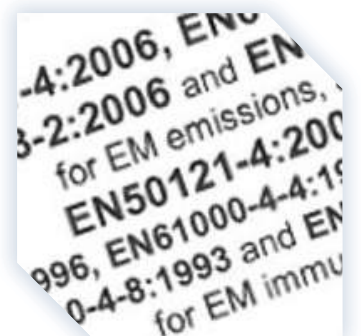# CAPTEC

RCC-42
RAIL CERTIFIED COMPUTERS FOR A WIDE RANGE OF APPLICATIONS

KEY BENEFITS

❭ **Fully certified to EN 50121**

❭ **Approved for surface and underground applications including trackside**

❭ **High availability design for 24/7 continuous operation**

❭ **Long life consistency preventing change**

Captec has developed a family of application ready, fully rail certified computers for a wide variety of rail related applications. From infrastructure (such as signalling, communications and station management) to ticketing and passenger information systems. The RCC-42 computers have all been certified to a range of rail requirements for surface and underground installations, including trackside.
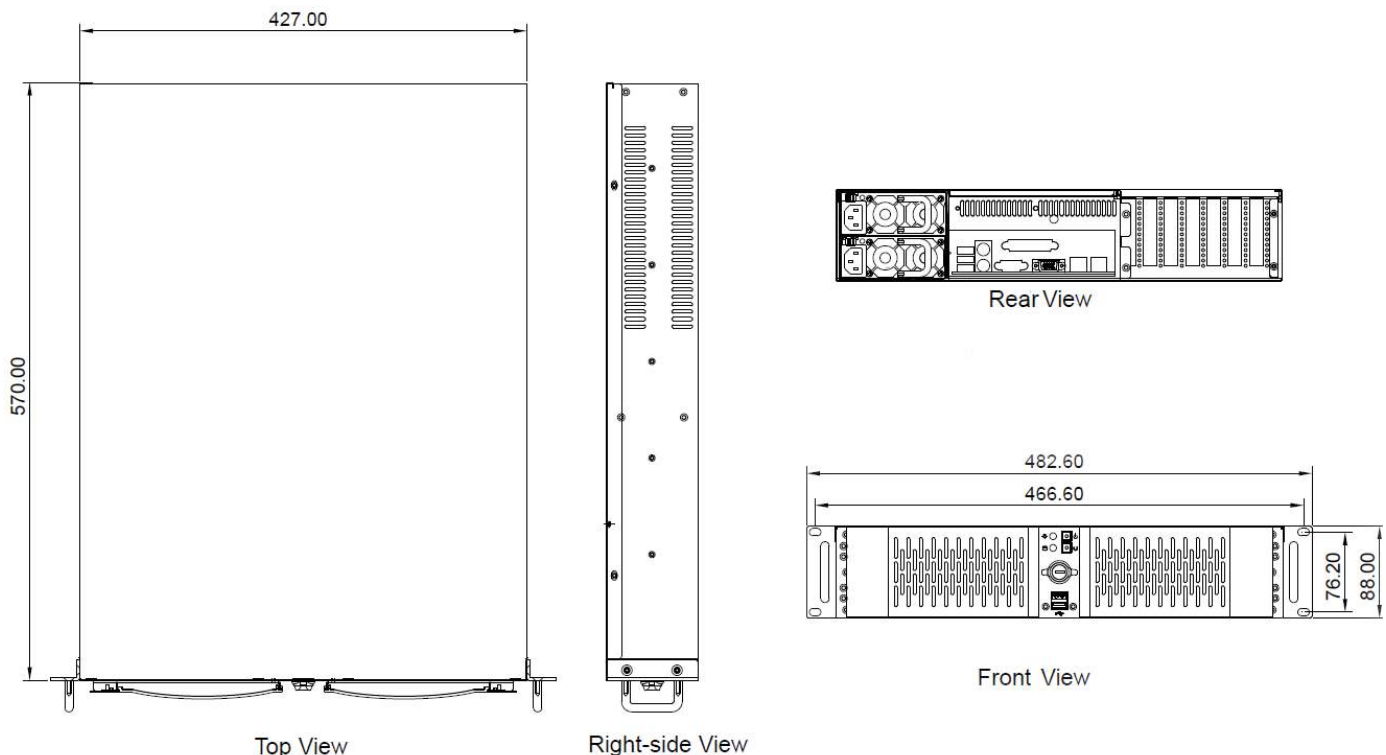
SPECIFICATIONS

RCC-42	2U Rail Computer
CPU	Intel second generation
	i3-2120 3.3Ghz Dual Core, 3MB Smart Cache (RCC-421)
	i5-2400 3.1Ghz Quad Core, 6MB Smart Cache (RCC-422)
	i7-2600 3.4Ghz Quad Core, 8MB Smart Cache (RCC-423)
Chipset	Q67 Express
Memory	2 x 2GB DDR3 SDRAM (4GB Total) (expandable to 32GB)
Storage	1 x 500GB 2.5" removable SATA HDD (expandable to 12 x 2.5" HDD and 12TB) RAID 0, 1, 5, 10
Graphics	HD Graphics DX10.1 (integrated in processor)
DVD	SATA DVD-RW
Expansion	7 Low Profile Slots - 4 x PCI, 1 x PCIe x8, 2 x PCIe x16
LAN	2 x Gigabit LAN (Intel 82579LM / Intel 82574L Ethernet Controller with iAMT, Wake-on-LAN (WoL)
	PXE Support, BIOS MAC Address Display
I/O	1 x RS232, 2 x 1Gb LAN, 8 x USB 2.0, PS2 Keyboard & Mouse

RCC-42	2U Rail Computer
Optional I/O	1 x RS232, Parallel (ECP/EPP), 4 x USB 2.0, USB Flash Drive
Video	DVI-I, DisplayPort
Audio	Conexant CX20642 5.1 Channel, Audio Mic. in, Line in, Line out
Operating System	Windows XP, Windows 7, Linux
PSU	Input Voltage : 105-264VAC full range 500W Hot Swappable Dual Redundant
Mounting	19" Rackmount (Optional slide rails)
Dimensions	427mm W x 88mm H x 570mm D
Weight	17Kg
Construction	Heavy duty rolled electroplated steel
Temperature	0°C-45°C
Ingress	Inlet air filters
Certification	EN 50121-4:2006 LU222 A1 M1027 A2 E1027 A3 EN60068-2-1, EN60068-2-2, EN60068-2-78
Ordering Information	**RCC-421** - 2U Rail Certified Computer with Intel i3-2120 Processor
	RCC-422 - 2U Rail Certified Computer with Intel i5-2400 Processor
	RCC-423 - 2U Rail Certified Computer with Intel i7-2600 Processor

TECHNICAL DETAILS

427.00

570.00

Top View

Right-side View

Rear View

482.60
466.60
76.20
88.00

Front View

E&OE. Captec reserves the right to change specifications without notice.