

# RCC-44

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



Capterc 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-44 computers have all been certified to a range of rail requirements for surface and underground installations, including trackside.



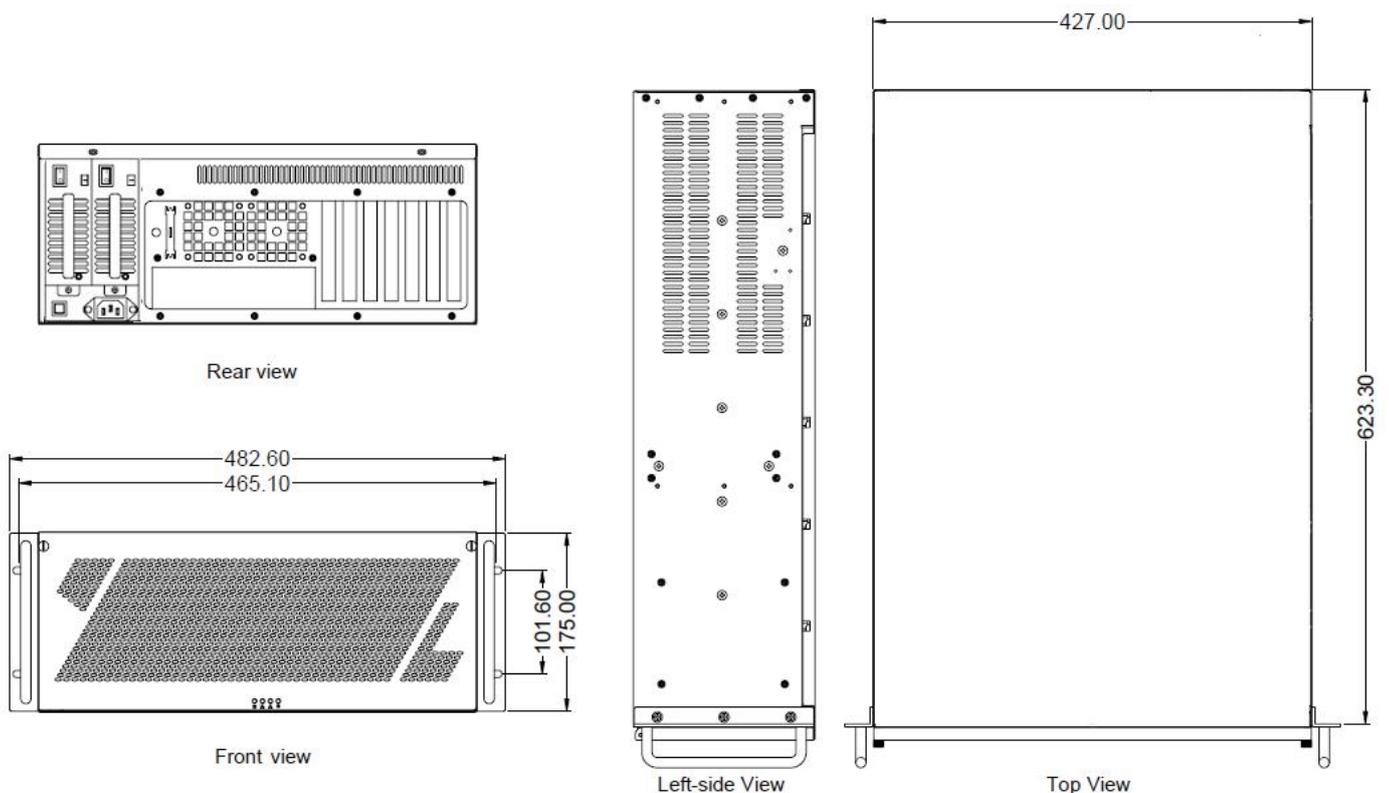
-4:2006, EN  
3-2:2006 and EN  
for EM emissions,  
EN50121-4:200  
996, EN61000-4-4:1  
0-4-8:1993 and EN  
for EM immu

## SPECIFICATIONS

RCC-44	4U Rail Computer
<b>CPU</b>	Intel second generation i3-2120 3.3Ghz Dual Core, 3MB Smart Cache (RCC-441) i5-2400 3.1Ghz Quad Core, 6MB Smart Cache (RCC-442) i7-2600 3.4Ghz Quad Core, 8MB Smart Cache (RCC-443)
<b>Chipset</b>	Q67 Express
<b>Memory</b>	2 x 2GB DDR3 SDRAM (4GB Total) (expandable to 32GB)
<b>Storage</b>	1 x 500GB 3.5" removable SATA HDD (expandable to 10 x 3.5" HDD and 30TB) RAID 0, 1, 5, 10
<b>Graphics</b>	HD Graphics DX10.1 (integrated in processor)
<b>DVD</b>	SATA DVD-RW
<b>Expansion</b>	7 Full Height / Full Length Slots - 4 x PCI, 1 x PCIe x8, 2 x PCIe x16
<b>LAN</b>	2 x Gigabit LAN (Intel 82579LM / Intel 82574L Ethernet Controller with iAMT, Wake-on-LAN (WoL) PXE Support, BIOS MAC Address Display
<b>I/O</b>	1 x RS232, 2 x 1Gb LAN, 8 x USB 2.0, PS2 Keyboard & Mouse

RCC-44	4U Rail Computer
<b>Optional I/O</b>	1 x RS232, Parallel (ECP/EPP), 4 x USB 2.0, USB Flash Drive
<b>Video</b>	DVI-I, DisplayPort
<b>Audio</b>	Conexant CX20642 5.1 Channel, Audio Mic. in, Line in, Line out
<b>Operating System</b>	Windows XP, Windows 7, Linux
<b>PSU</b>	Input Voltage : 105-264VAC full range 500W Hot Swappable Dual Redundant
<b>Mounting</b>	19" Rackmount (Optional slide rails)
<b>Dimensions</b>	427mm W x 176mm H x 570mm D
<b>Weight</b>	29Kg
<b>Construction</b>	Heavy duty rolled electroplated steel
<b>Temperature</b>	0°C-45°C
<b>Ingress</b>	Inlet air filters
<b>Certification</b>	EN 50121-4:2006 LU222 A1 M1027 A2 E1027 A3 EN60068-2-1, EN60068-2-2, EN60068-2-78
<b>Ordering Information</b>	<b>RCC-441</b> - 4U Rail Certified Computer with Intel i3-2120 Processor <b>RCC-442</b> - 4U Rail Certified Computer with Intel i5-2400 Processor <b>RCC-443</b> - 4U Rail Certified Computer with Intel i7-2600 Processor

## TECHNICAL DETAILS



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

**CAPTEC**

[www.captec-group.com](http://www.captec-group.com)

EMEA Office  
Hampshire, PO15 5SH, UK

North America Office  
Ontario, N3H 4R7, Canada

T: +44 (0)1489 866 066  
F: +44 (0)1489 866 088  
E: [sales@uk.captec-group.com](mailto:sales@uk.captec-group.com)

T: +1 (519)650-4000  
F: +1 (519)650-2000  
E: [sales@ca.captec-group.com](mailto:sales@ca.captec-group.com)



120128-4 © Captec Ltd. 2014 All rights reserved - All products and company names listed are trademarks or trade names of their respective companies

