

# IC-425-B

## 2U RACK COMPUTER FOR INDUSTRIAL APPLICATIONS

### KEY BENEFITS

- ▶ Latest Intel 7th generation processors deliver increased performance and efficiency
- ▶ Maintenance-free industrial design, our most cost-effective IC solution
- ▶ Chassis intrusion switch (programmable with G and S motherboards) safeguards the system from undetected interference
- ▶ Unobstructed airflow design delivers excellent thermal capabilities
- ▶ Isolated drive cages protect internal components from mechanical disk vibration damage
- ▶ Front panel LAN indicators enable network activity monitoring



The new IC-425-B-series from Captec is our most cost-effective off-the-shelf 2U platform.

Offering a combination of high airflow, increased storage and strong security features in a short depth 2U chassis, the IC-425-B series is an ideal fit for security applications such as CCTV where 24/7 operation in a clean unmanaged environment is required.

Each model incorporates robust industrial-grade components designed for 24/7 operation and is backed by extended platform longevity.



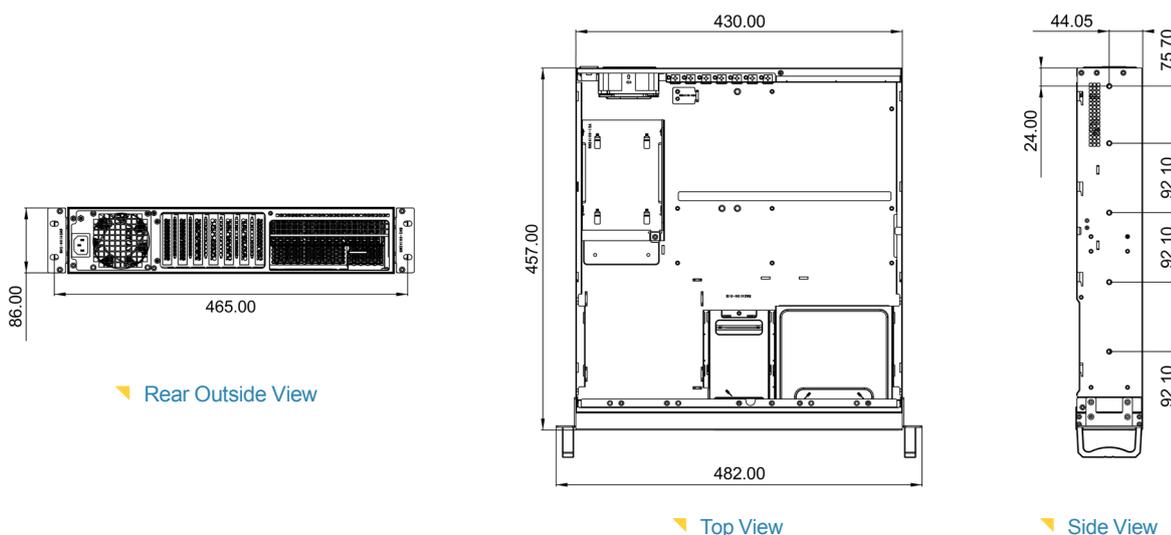
## SPECIFICATIONS

IC-425-B	Chassis Specification
<b>Key Features</b>	Chassis intrusion switch Cushioned HDD cages Front panel LAN indicators
<b>Disks</b>	1 x 5.25" External bay 1 x 3.5" External drive bay 2 x 3.5" / 2 x 2.5" Internal drive bays
<b>Input Voltage</b>	AC 90~264V
<b>Input Frequency</b>	50 / 60 Hz
<b>PSU</b>	400W 80+ Gold
<b>Fans</b>	1 x 80mm Fan (1 x 80mm rear optional)

IC-425-B	Chassis Specification
<b>Width &amp; Mounting</b>	19" Rackmount (optional sliding rails)
<b>Dimensions</b>	430 x 88 x 457 (mm)
<b>Weight</b>	9.4kg (gross)
<b>Storage Temperature</b>	-20°C to 70°C
<b>Expansion Slots</b>	7 Low profile or 3 full height (varies with motherboard)
<b>Storage</b>	Up to 2 x 3.5" and 2 x 2.5" HDD or SSD
<b>Ingress</b>	No filter
<b>Certification</b>	CE

IC-425-B	Motherboard Specification		
	IC-425-BG	IC-425-BS	IC-425-BB
<b>CPU</b>	Intel Celeron G3900, Intel Core i3-6100, Intel Core i5-6500, Intel Core i7-6700, Intel Celeron G3930, Intel Core i3-7101E, Intel Core i5-7500, Intel Core i7-7700		
<b>Chipset</b>	Intel Q170	Intel H110	Intel B150
<b>Memory</b>	4 x DDR4 2400MHz (2133MHz with 6th Gen CPU) UDIMM (up to 64GB)	2 x DDR4 2400MHz (2133MHz with 6th Gen CPU) UDIMM (up to 32GB)	
<b>Graphics</b>	Intel HD graphics with multi-display support (graphics vary depending on CPU, add-in graphics cards supported)		
<b>LAN</b>	1 x Intel I210 / 1 x Intel I219LM	1 x Intel I219LM	1 x Realtek RTL8111G
<b>Expansion</b>	1 x PCIe x16 (PCIe 3.0 support) 1 x PCIe x1, 1 x PCIe x8, 1 x PCIe x4, 3 x PCI	1 x PCIe x16 (PCIe 3.0 support) 1 x PCIe x1, 1 x PCIe x4, 3 x PCI	1 x PCIe x16 (PCIe 3.0 support) 2 x PCIe x1
<b>Display</b>	1 x VGA, 3 x DisplayPort		1 x DVI-D, 2 x DisplayPort
<b>Rear I/O</b>	2 x RS232/422/485, 4 x USB 3.0 2 x LAN, Audio, PS/2 Combo	1 x RS232, 1 x RS232/422/485 4 x USB 3.0, 1 x LAN, PS/2 Combo	4 x USB 2.0, 2 x USB 3.0, 1 x LAN PS/2 Mouse, PS/2 Keyboard
<b>Internal Connectors</b>	2 x USB 3.0, 6 x USB 2.0, 4 x RS232 6 x SATA 3.0, 1 x mSATA, 1 x mPCIe 1 x Parallel, 8 x GPI + 8 x GPO	6 x USB 2.0, 2 x RS232 4 x SATA 3.0, 1 x mSATA 1 x Parallel, 8 x GPI + 8 x GPO	2 x USB 3.0, 4 x USB 2.0 1 x RS232, 4 x SATA 3.0
<b>Storage</b>	1 x mSATA, 6 x SATA (RAID 0,1,5,10)	1 x mSATA, 4 x SATA	4 x SATA
<b>Audio</b>	Mic-in, line-in, line-out		
<b>Operating System</b>	Microsoft Windows 7 / Windows 8 / Windows 10 / Windows Server 20xx / Linux (configuration support optional)		
<b>Operating Temperature</b>	0°C to 60°C		0°C to 40°C
<b>Expected Discontinuance</b>	Q3 2030	Q3 2030	Q1 2019

## TECHNICAL DETAILS



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

CAPTEC

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