

Modernize Your Industrial Automation

Reliable Design, Exceptional Quality and Support



BXP Series
Box Computers



DRP Series
DIN-rail Computers



RKP Series
Rackmount Computers



Modernize Your Industrial Automation

With Reliable Design, Exceptional Quality and Support

Moxa introduces a new series of x86 Industrial Computers with a comprehensive range of form factors and performance options to ensure a perfect fit for nearly any industrial use case or scenario. The extensive platform is pre-formulated and designed for highly reliable, flexible, cost-effective and rapid deployment, supported by a 3-year warranty to meet diverse industrial system and application needs.

Featuring 75 basic models, the BXP/DRP/RKP Series allows users to quickly select from predefined form factors, processors, and data interfaces. Our configure-to-order service (CTOS) simplifies system assembly by offering various operating system, memory, and storage options.

By placing a CTOS order, customers can obtain a tailored industrial computer. System integrators and machine builders leverage these computers to create customized solutions, facilitating the swift and seamless implementation of automation scenarios.



Adaptable

The latest x86 IPC family offers 75 basic models, enabling customers to quickly pinpoint the ideal ready-to-use solution through a 4-step selection process, reducing time to market and expenses.

- Versatile portfolio meets most industrial-automation requirements
- Configure-to-order service (CTOS) for OS, memory, and storage
- 4 simple steps to identify a best fit



Customization Friendly

At Moxa, our aim is to deliver solutions perfectly aligned with your requirements. Leveraging the modular architecture of the latest x86 IPCs, our product development team is adept at rapidly crafting tailored solutions to match your specific needs.

- Favorable customization criteria and service
- Modular design enables flexible customization
- Shorter prototyping and customization process



Reliable and Durable

Drawing from more than 35 years of experience, our dedication lies in delivering optimal value and ensuring the success of our customers with an unwavering commitment to durable quality, consistent long-term supply, and timely support services.

- 3-year Moxa warranty for product quality
- 10-year product longevity* commitment
- Moxa's industry-renowned post-sales service

**Starting from the product release date in 2023/2024.*

**3-year
Warranty**

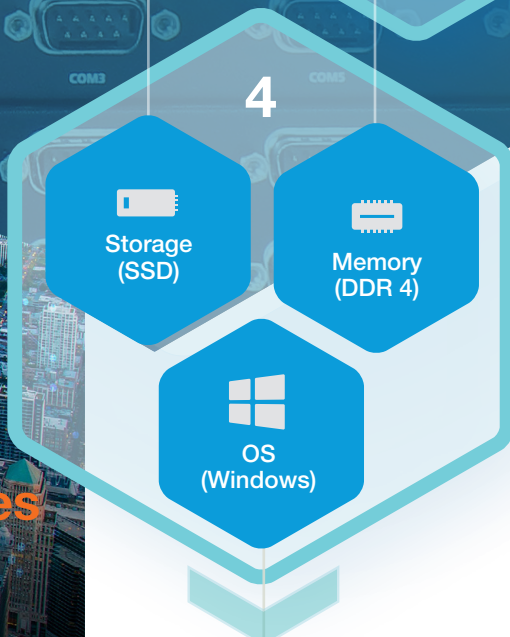
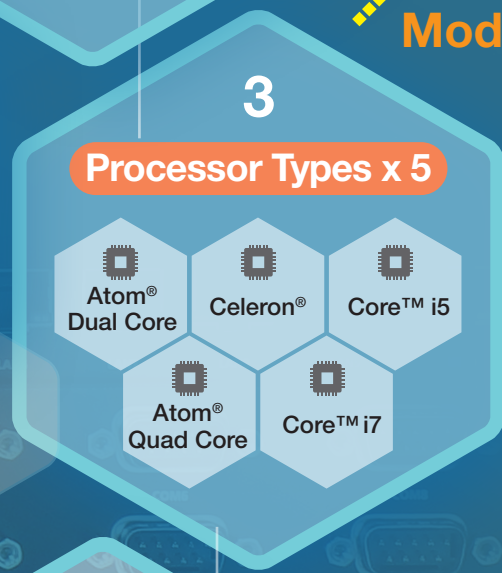
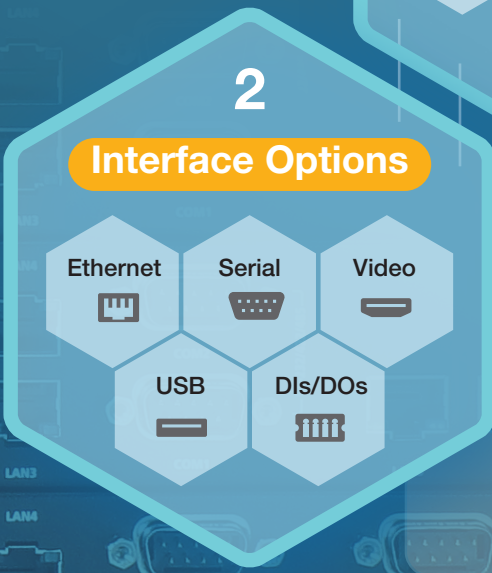


4-step Selection

BXP/DRP/RKP Series System Architecture



Filter Across **75 Standard Models**



Configure-to-order Service

BXP/DRP/RKP Series

Intel® Atom®/Core™/Celeron® Powered Industrial Computers

BXP Series

Box Computing Platforms

RKP Series

Rackmount Computing Platforms

DRP Series

DIN-rail Computing Platforms



✓ 4-step Solution Formulation for Fast System Development

Simply specify your requirements in three steps to find the computing solution that fits your application from an array of DRP/BXP/RKP Series industrial computers.

1 Select a form factor.

Which computer model can be easily installed in the current system space without requiring additional brackets?



2 Select interface combinations.

Which devices need to be connected to the computer, and what types of interfaces are necessary for these connections?



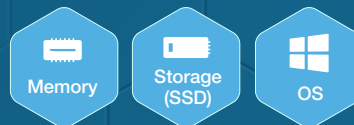
3 Select a processor.

Considering your application's data collection and processing requirements, which processor is most suitable for driving optimal performance?



4 Select the final pieces to complete your system.

Save time and cost with our configure-to-order options that get your system ready for use.



i System Memory

- 8 GB DDR4 (built-in)
- 16 GB DDR4
- 32 GB DDR4

ii Storage Capacity

- 64 GB SSD
- 128 GB SSD
- 256 GB SSD
- 512 GB SSD
- 1 TB SSD

iii Operating System

- Windows 10 IoT Enterprise LTSC
- Windows 11 Professional

✓ Quality and Longevity

**3-year
Warranty**

Our x86 computers are verified against strict industry standards for manufacturing quality and performance to reduce failures and unplanned downtime, thereby lowering the total cost of ownership.

**10-year
Life-cycle
Commitment**

*IoTG: The Internet of Things Group

BXP Series Box Computers

BXP-C100 Series

Box computers with a Tiger Lake 11th Gen Intel® Core™ processor and models with high-density interfaces



BXP-C100
(Base Model)



BXP-C100
(Base + 8 LAN)



BXP-C100
(Base + 8 COM)



BXP-C100
(Base + 2 LAN / 3 COM)

Form Factor	Box computer			
CPU	11th Gen Intel® Core™ i7-1185G7E, i5-1145G7E, or Celeron® 6305E			
Video Output	1 HDMI, 1 VGA			
LAN Ports	2	10	2	4
Serial Ports	2	2	10	5
USB Ports	USB 3.0 x 2 + USB 2.0 x 4			
DI/Os	4 DIs, 4 DOs			
Power Input	12/24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 to 60°C			
Dimensions (mm)	210 x 166 x 48	210 x 166 x 65.5	210 x 166 x 83	210 x 166 x 65.5

BXP-A100 Series

Box computers with an Elkhart Lake Intel Atom® X Series processor and models with high-density interfaces



BXP-A100
(Base Model)



BXP-A100
(Base + 8 LAN)



BXP-A100
(Base + 8 COM)



BXP-A100
(Base + 2 LAN / 3 COM)

Form Factor	Box computer			
CPU	Intel Atom® Elkhart Lake, dual-core x6211E or quad-core x6425E processor			
Video Output	1 HDMI, 1 VGA			
LAN Ports	2	10	2	4
Serial Ports	2	2	10	5
USB Ports	USB 3.0 x 2 + USB 2.0 x 4			
DI/Os	4 DIs, 4 DOs			
Power Input	12 / 24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 ~ 60°C			
Dimensions (mm)	210 x 166 x 48	210 x 166 x 65.5	210 x 166 x 83	210 x 166 x 65.5

DRP Series DIN-rail Computers

DRP-C100 Series

DIN-rail computers with a Tiger Lake 11th Gen Intel® Core™ processor and models with high-density interfaces



DRP-C100
(Base Model)



DRP-C100
(Base + 8 LAN)



DRP-C100
(Base + 6 COM)



DRP-C100
(Base + 2 LAN / 4 COM)

Form Factor	DIN-rail computer			
CPU	11th Gen Intel® Core™ i7-1185G7E, i5-1145G7E, or Celeron® 6305E processor			
Video Output	1 HDMI, 1 VGA			
LAN Ports	2	10	2	4
Serial Ports	2	2	8	6
USB Ports	3 USB 3.0			
DI/Os	-			
Power Input	12/24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 to 60°C			
Dimensions (mm)	60 x 150 x 130	94 x 150 x 130	94 x 150 x 130	94 x 150 x 130

DRP-A100 Series

DIN-rail computers with an Elkhart Lake Intel Atom® X Series processor and models with high-density interfaces



DRP-A100
(Base Model)



DRP-A100
(Base + 8 LAN)



DRP-A100
(Base + 6 COM)



DRP-A100
(Base + 2 LAN / 4 COM)

Form Factor	DIN-rail computer			
CPU	Intel Atom® Elkhart Lake, dual-core x6211E or quad-core x6425E processor			
Video Output	1 HDMI, 1 VGA			
LAN Ports	2	10	2	4
Serial Ports	2	2	8	6
USB Ports	3 USB 3.0			
DI/Os	-			
Power Input	12/24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 to 60°C			
Dimensions (mm)	60 x 150 x 130	94 x 150 x 130	94 x 150 x 130	94 x 150 x 130

RKP Series Rackmount Computers

RKP-C110 Series

Rackmount computers with a Tiger Lake 11th Gen Intel® Core™ processor and models with high-density interfaces



	RKP-C110 (Base Model)	RKP-C110 (Base + 8 LAN)	RKP-C110 (Base + 8 COM)	RKP-C110 (Base + 2 LAN / 4 COM)
Form Factor	Rackmount 1U computer			
CPU	11th Gen Intel® Core™ i7-1185G7E, i5-1145G7E, or Celeron® 6305E			
Video Output	1 HDMI, 1 VGA			
LAN Ports	4	12	4	6
Serial Ports	2	2	10	6
USB Ports	3 USB 3.0			
DI/Os	8 DIs, 8 DOs			
Power Input	12/24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 to 60°C			
Dimensions (mm)	440 x 230 x 43.6	440 x 230 x 43.6	440 x 230 x 43.6	440 x 230 x 43.6

RKP-A110 Series

Rackmount 1U computers with an Elkhart Lake Intel Atom® X Series processor base model and high density interface models



	RKP-A110 (Base Model)	RKP-A110 (Base + 8 LAN)	RKP-A110 (Base + 8 COM)	RKP-A110 (Base + 2 LAN / 4 COM)
Form Factor	Rackmount 1U computer			
CPU	Intel Atom® Elkhart Lake, dual-core x6211E or quad-core x6425E processor			
Video Output	1 HDMI, 1 VGA			
LAN Ports	4	12	4	6
Serial Ports	2	2	10	6
USB Ports	3 USB 3.0			
DI/Os	8 DIs, 8 DOs			
Power Input	12/24 VDC			
Certificates	CE, FCC, UL, BSMI			
Operating Temp.	-30 to 60°C			
Dimensions (mm)	440 x 230 x 43.6	440 x 230 x 43.6	440 x 230 x 43.6	440 x 230 x 43.6



BXP/DRP/RKP Series

Intel® Atom®/Core™/Celeron® Powered Industrial Computers

- Rich set of interfaces with expansion options to meet your application needs
- Fanless design for long-term stability and easy maintenance
- Industrial reliability with -30 to 60°C operating temperature range
- 3-year product warranty
- Configure-to-order service (CTOS) for easy assembly and faster time to market



Your Trusted Partner in Automation

Moxa is a leading provider of edge connectivity, industrial computing, and network infrastructure solutions for enabling connectivity for the Industrial Internet of Things (IIoT). With 35 years of industry experience, Moxa has connected more than 102 million devices worldwide and has a distribution and service network that reaches customers in more than 85 countries. Moxa delivers lasting business value by empowering industries with reliable networks and sincere service. Information about Moxa's solutions is available at www.moxa.com.

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