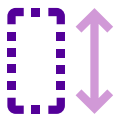


# Advantech 5G Edge Computing Servers Featured AI/ML, Short Depth and Wide Operating Temperature



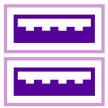
Super Short  
Depth (17'')



The latest Intel®  
Xeon® processors



Wide Operating Temp  
(-5 ~ 55°C)



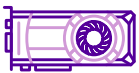
Front Access I/O



Hot-swappable Fan  
and PSU



4-6 On board 10G  
SFP+ ports



FH/FL/DW  
GPU for AI/ML



Multiple time  
synchronization  
protocols



Highly Secured IPMI by  
Redfish®

## Product Portfolio



### SKY- 7120S

1U 5G ORAN BBU & Edge  
MEC server Single Xeon-D  
based



### SKY- 7223D

2U 5G ORAN BBU & Edge  
MEC server Dual Xeon  
Cascade Refresh based

## Use Cases: 5G & Edge Computing, Smart City

Advantech's SKY-7223D and SKY-7120S have been widely engaged to edge and 5G applications globally. As short depth and wide operating temperature servers, they are adopted into 5G base station for contributing to edge computing. Also they are engaged to edge application on smart city. One example is novel agricultural robots for smart agriculture for crops harvest while high performance computation and GPU acceleration needed for image recognition and parallel autonomous control of the robot.

*High Quality, Very Customizable, No Surprise Changes*

**ADVANTECH**

# Advantech High Performance Computing & Next Generation Server for Clouds



Cloud plays a critical role to all sizes of businesses to enable their own cloud environment with dedicated firewall, security, and policies for dev-ops development, self-services, customization, and further scaling and expansion. Advantech's SKY-7000 series server are designed specifically to empower cloud infrastructure on premise with high degree computation power, large volume of memory, large storage capacity, and versatile peripheral configurations.



High computing & IO performance



Up to 4x 10G SFP+ on board networking design



Full and hybrid NVMe skus



Intel® Xeon® Cascade Refresh & Ice Lake



Large capacity storage up to 16 drive bays



Up to 32 DIMM slots of memory

## Product Portfolio



### SKY- 7221

2U High Performance Rackmount Server w/ Intel® Xeon® Scalable Processors



### SKY - 7132D

1U Next Generation Rackmount Server w/ Intel® Ice Lake Processors



### SKY - 7232D

2U Next Generation Rackmount Server w/ Intel® Ice Lake Processors



### SKY - 7260S/ SKY - 7160S

1U/2U Next Generation Rackmount Server w/ AMD Rome/Milan Processors

## Use Case: Cloud of Video Streaming & Medical

The SKY-7221 high performance server has been deployed in several hospital groups to provide cloud services on premise. The solutions based on this server is also deployed for the cloud for video streaming with GPU cards incorporated. It is also selected for a cloud deployment in small scale of 5G mobile networking to provide high performance services.

*High Quality, Very Customizable, No Surprise Changes*

**ADVANTECH**