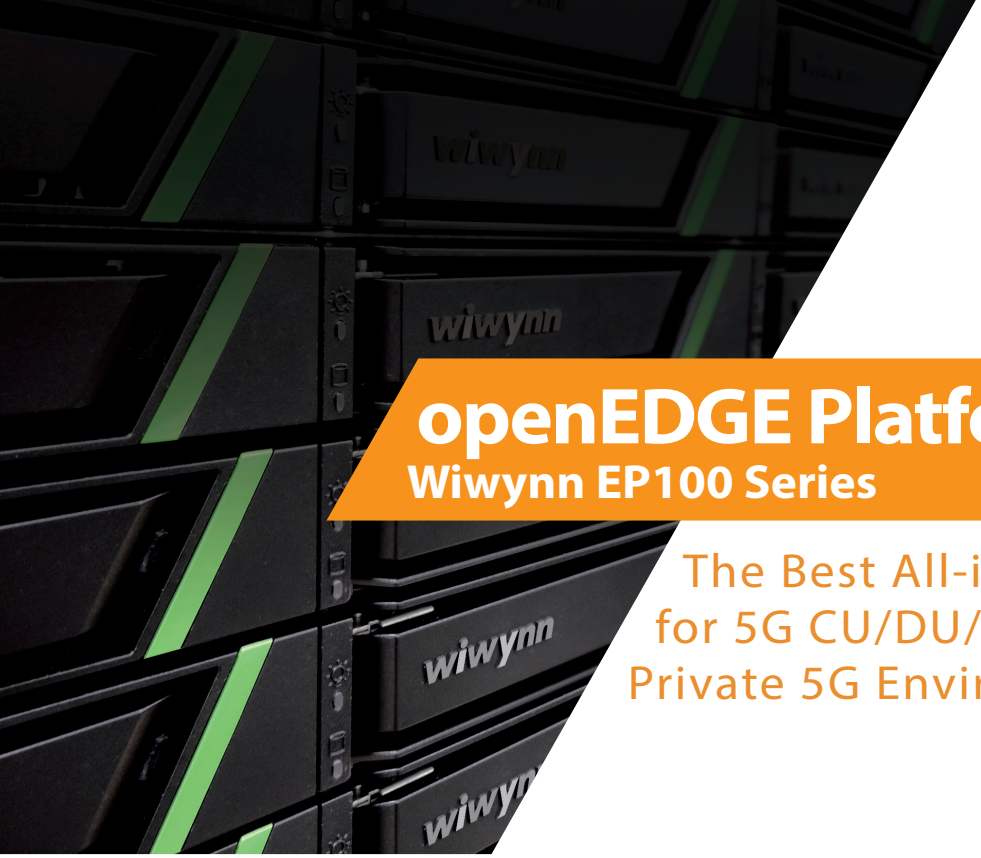

openEDGE Platform
Wiwynn EP100 Series

The Best All-in-one Platform for 5G CU/DU/5GC/MEC and Private 5G Environment.

3U Short-Depth Form Factor for Diverse Edge Locations

The 3U short-depth chassis allows multiple service providers to create more services at edge sites. The chassis is also perfect for Telcos to deploy their edge applications on existing infrastructure. They can scale computing power by adding more EP100 systems from base stations to central offices. Front-access design of EP100 offers easily serviceable management and network cables, power cords, RMC and server sleds. Clear rear design can easily fit into racks in some special locations with limited room space.

OCP openEDGE Compliant for Telco vRAN and MEC Applications

Wiwynn® EP100, adopting the OCP openEDGE specifications, is configured with five 1U half-width single-socket server sleds. Each sled supports one PCIe x16 FHHL accelerator and one OCP NIC 3.0 slot. Flexible platform is easy to be configured with different sleds to support various workloads such as 5G virtualized Radio Access Network (vRAN) and Multi-access Edge Computing (MEC).

Pooled Power and Chassis Controller for Power Efficiency and Management

With pooled power supplies and chassis level management, EP100 delivers high power efficiency and easy management for edge sites. EP100 comes with one 1Gb/s (RJ45) for management to RMC to all sleds and two 10G SFP+ ports, front panel for uplinks or chaining multi-chassis.

Intel® SST Enabled for Ultra Reliable & Low Latency Communications

Wiwynn® EP100 adopts the OCP OpenEDGE specification and the latest Intel® Speed Select Technology – Base Frequency (Intel® SST-BF) feature for diverse applications requiring low latency and huge data-processing capabilities at edge sites for the upcoming 5G era.

Model : Wiwynn EP100 Series

Node Specification

Model Name	EP100
	  
Form Factor, Processor, Memory and Chipset	
Form Factor	1U, Half Width
Processor	Next Generation Intel® Xeon® Scalable Processors
Processor Sockets	1 (1 Socket/Node)
Chipsets	Intel® C621 series • TPM 2.0
Memory	8 DIMM slots; RDIMM/LRDIMM; Up to 512GB; DDR4 up to 2933 MT/s
Storage and I/O	
Storage	• Two M.2 NVMe SSD module slots • Two 2.5" U.2 Hot-plug drives
Expansion Slots	• One FHHL slot (PCIe 3.0 x16) • One OCP NIC 3.0 card (PCIe 3.0 x16)
Remote Management	IPMI v2.0 Compliant; RedFish
Physical Specifications	
Dimensions	41 (H) x 215 (W) x 421.8 (D) mm
Weight	3.5kg
OS	
Support List	RedHat Enterprise Linux 8.x, CentOS 8.x, Ubuntu 18.04
Fan	4

Chassis Specification

Form Factor	3U	
PSU	2x 2000W, AC/DC/DC(±48V), 1+1 Redundant Hot-swappable PSU	
Dimensions	130.6 (H) x 442.4 (W) x 432 (D) mm	
Weight	25Kg	
Management LAN	• One GbE RMC port • Two 10G SFP+ ports	
Environmental	Operating conditions • NEBS Level 3 compliant (GR-63, GR-1089) Operating temperature range: • -5C …+45C according to GR-63-CORE & ETSI EN300 019 • GR-3108 • Operating humidity: 5% to 95% EMC • FCC CFR47 15 (class A), CISPR 22/32 (class A) CISPR 24 • GR-1089-CORE	Safety • SR-3580 • IEC 62368-1:2014 • GR-1089-CORE (electrical safety, grounding and bonding) Seismic tolerance • GR-63-CORE Acoustic noise • GR-63-CORE Fire resistance • GR-63-CORE

wiwynn®

Wiwynn is a fast-growing cloud infrastructure provider that develops high-density computing and storage products, plus rack solutions for leading data centers.

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