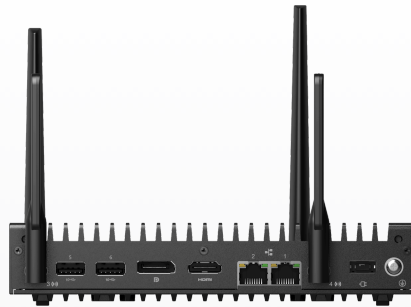


INDUSTRIAL EDGE GATEWAY

ArrowLinux

Edge Gateway SE10 G2

Entry fanless system with Intel® Core™ 3 processor.



ArrowLinux Edge Gateway SE10 G2

Intel® Core™ 3 N355 • Fanless • DIN rail / VESA mount

8 cores

Intel® Core™ 3 N355, up to 3.9 GHz

2 x 2.5GbE

Dual Intel® LAN, Wake-on-LAN

2 x COM

RS-232 / 422 / 485, BIOS selectable

0 to 50°C

Operating temperature, fanless design

OVERVIEW

The ArrowLinux Edge Gateway SE10 G2 is a compact, fanless edge system for collecting and forwarding data from machines, meters and controllers. An 8-core Intel® Core™ 3 N355 processor, dual 2.5GbE ports and two serial ports cover the common industrial connections, with optional Wi-Fi 6 / 6E and 4G LTE for remote sites.

It mounts on a DIN rail or a 100 mm VESA bracket, runs from 0 to 50°C and is tested for 3 Grms vibration and 50 G shock. Discrete TPM 2.0, Secure Boot, Intel® BIOS Guard and Smart USB protection keep the gateway trusted in the field.

PRICE

USD 980

*Contact sales@arrowlinux.com for more information & applicable discount code

ARROWLINX EDGE GATEWAY SE10 G2

Entry

An entry-level gateway for protocol conversion, data logging and light edge applications where space, power and noise matter.

- ♦ 8-core Intel® Core™ 3 N355, up to 16 GB DDR5
- ♦ 2 x 2.5GbE, 2 x RS-232/422/485, 4 x USB 10Gbps
- ♦ Optional Wi-Fi 6 / 6E and 4G LTE with eSIM

KEY FEATURES

01

Fanless and rugged

No fan to fail or clog. 0 to 50°C operation, 3 Grms vibration, 50 G shock.

02

Industrial connectivity

Dual 2.5GbE, two serial ports, HDMI and DisplayPort, optional wireless.

03

Secure by design

Discrete TPM 2.0, Secure Boot, BIOS Guard, USB storage blocking.

Technical Specifications

ArrowLinux Edge Gateway SE10 G2

Specification	ArrowLinux Edge Gateway SE10 G2
PROCESSOR & GRAPHICS	
Processor	Intel® Core™ 3 N355, 8 cores / 8 threads, up to 3.9 GHz, 6 MB cache
Graphics	Intel® Graphics (integrated), DirectX® 12.1
Displays	Up to 2 independent displays: 1 x HDMI® 2.1 TMDS, 1 x DisplayPort™ 1.4, up to 4096 x 2160 @ 60 Hz
MEMORY & STORAGE	
Memory	Up to 16 GB DDR5-5600, 1 x SODIMM
Storage	1 x M.2 2280 PCIe® NVMe® SSD (PCIe 3.0), up to 2 TB
Expansion	3 x M.2 (Key E for WLAN, Key M for SSD, Key B for WWAN)
CONNECTIVITY	
Ethernet	2 x 2.5GbE RJ-45 (Intel® I226-V), Wake-on-LAN
Wireless (optional)	Wi-Fi® 6 + Bluetooth® 5.4, or Wi-Fi® 6E + Bluetooth® 5.2
Cellular (optional)	4G LTE Cat 6 M.2 module with eSIM, nano-SIM slot
Front I/O	2 x serial (RS-232 / 422 / 485), 2 x USB-A 10Gbps, 2 x USB-A 2.0, 1 x audio combo jack, remote power connector
Rear I/O	2 x USB-A 10Gbps, 1 x HDMI® 2.1, 1 x DisplayPort™ 1.4, 2 x 2.5GbE RJ-45, DC-in
POWER & PHYSICAL	
Power input	DC 20 V, 65 W adapter
Cooling	Fanless
Dimensions (W x D x H)	179 x 135 x 34.5 mm
Weight	Approx. 1.16 kg
Mounting	DIN rail, VESA 100 mm
ENVIRONMENT	
Operating temperature	0 to 50°C (0.7 m/s airflow)
Storage temperature	-40 to 85°C
Humidity	95% at 40°C, non-condensing
Shock / vibration	50 G / 11 ms operating; 3 Grms random, 5 to 500 Hz
SECURITY & SOFTWARE	
Security	Discrete TPM 2.0, Secure Boot, Intel® BIOS Guard, Smart USB protection, cover tamper detection
Operating systems	Windows® 11 IoT Enterprise LTSC 2024, Windows® 10 IoT Enterprise LTSC 2021, Ubuntu Server 26.04 LTS, Ubuntu Core, IGEL OS 12, or no OS
Compliance	CE, FCC Class B, IC, RCM, VCCI, BSMI, KC, CB, ETL / cETL; RoHS, REACH, WEEE

Optional items are available on selected configurations. Specifications may vary by configuration and are subject to change without notice.