

INDUSTRIAL EDGE GATEWAY

ArrowLinux

Edge Gateway SE60n G2

Higher edge AI workload with Intel® Core™ Ultra 7 processor.



ArrowLinux Edge Gateway SE60n G2

Intel® Core™ Ultra 7 265H • Up to 97 TOPS • 12 to 36 V DC

97 TOPS

Total AI performance (CPU, GPU and NPU)

16 cores

Intel® Core™ Ultra 7 265H, up to 5.3 GHz

96 GB

Maximum DDR5-5600, dual channel

-20 to 60°C

Wide-temperature models available

OVERVIEW

The ArrowLinux Edge Gateway SE60n G2 is built for heavier edge AI such as machine vision, video analytics and local AI models. The Intel® Core™ Ultra 7 265H processor combines 16 cores, Intel® Arc™ 140T graphics and an integrated NPU for up to 97 TOPS of AI performance, with up to 96 GB DDR5 memory.

A 12 to 36 V wide-range DC input, wide-temperature models (-20 to 60°C) and optional I/O modules with 4 x GbE (PoE available), 4 x serial or extra USB suit control cabinets and harsh sites. Discrete TPM 2.0 and Secure Boot are standard.

PRICE

USD 1,950

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

ARROWLINX EDGE GATEWAY SE60N G2

High-performance AI

The most powerful gateway in the range, for vision inspection, multi-camera analytics and running AI models on site instead of in the cloud.

- ◆ Intel® Core™ Ultra 7 265H, up to 97 TOPS
- ◆ 2 x 2.5GbE, 2 x RS-232/422/485, DIO, 4 x USB 5Gbps
- ◆ Optional 4 x GbE with PoE, 4 x serial or extra USB

KEY FEATURES

01

AI acceleration

CPU, Intel® Arc™ 140T GPU (up to 75 TOPS) and NPU (up to 13 TOPS).

02

Wide power and temperature

12 to 36 V DC input; -20 to 60°C on wide-temperature models.

03

Expandable I/O

I/O modules add PoE LAN for cameras, serial or USB ports.

Technical Specifications

ArrowLinux Edge Gateway SE60n G2

Specification	ArrowLinux Edge Gateway SE60n G2
PROCESSOR & GRAPHICS	
Processor	Intel® Core™ Ultra 7 265H (Series 2), 16 cores (6 P + 8 E + 2 LP E) / 16 threads, up to 5.3 GHz, 24 MB cache
AI performance	Up to 97 TOPS total: Intel® Arc™ 140T GPU up to 75 TOPS, Intel® AI Boost NPU up to 13 TOPS
Graphics	Intel® Arc™ 140T GPU (integrated), DirectX® 12.2
Displays	Up to 3 independent displays: 2 x HDMI® 2.1 TMDS, 1 x DisplayPort™ (DP++), up to 4096 x 2304 @ 60 Hz
MEMORY & STORAGE	
Memory	Up to 96 GB DDR5-5600 (64 GB on wide-temperature models), 2 x SODIMM, dual channel
Storage	Up to 2 drives: 1 x M.2 2280 PCIe® NVMe® SSD (PCIe 4.0 x4) up to 2 TB, plus 1 x M.2 2242 SATA SSD up to 1 TB
Expansion	3 x M.2 (Key E for WLAN, Key M for NVMe® SSD, Key B for SATA SSD)
CONNECTIVITY	
Ethernet	2 x 2.5GbE RJ-45 (Intel® I226-IT), Wake-on-LAN
Wireless (optional)	Wi-Fi® 6E + Bluetooth® 5.3
Front I/O	2 x serial (RS-232 / 422 / 485), 1 x DIO (4 DI / 4 DO), 2 x USB-A 2.0, remote power switch
Rear I/O	4 x USB-A 5Gbps, 2 x HDMI® 2.1, 1 x DP++, 2 x 2.5GbE RJ-45, line-out, microphone-in, 12 to 36 V DC-in
I/O module (optional)	4 x GbE RJ-45 (PoE available) + 2 x USB-A 2.0; or 4 x serial; or 4 x USB-A 5Gbps + 3 x USB-A 2.0
POWER & PHYSICAL	
Power input	DC 12 to 36 V wide range, 150 W adapter
Dimensions (W x D x H)	240 x 150 x 59 mm (85 mm with I/O module)
Weight	Approx. 2.4 kg (2.8 kg with I/O module)
Mounting	Wall mount (standard), DIN rail bracket kit (optional)
ENVIRONMENT	
Operating temperature	0 to 50°C standard, -20 to 60°C wide-temperature models (0.7 m/s airflow)
Storage temperature	-30 to 70°C
Humidity	95% at 40°C, non-condensing
Shock / vibration	30 G / 11 ms operating; 2 Grms random, 5 to 500 Hz
Ingress protection	IP50 with dust shield
SECURITY & SOFTWARE	
Security	Discrete TPM 2.0, Secure Boot
Operating systems	Windows® 11 IoT Enterprise LTSC 2024, Ubuntu Server 26.04 LTS, Ubuntu Core, IGEL OS 12, or no OS
Software certified	Ubuntu Core, Ubuntu Server, Red Hat Enterprise Linux, AWS IoT Greengrass, IGEL
Compliance	CE, FCC Class A, IC, RCM, VCCI, BSMI, KC, CB, ETL / cETL, UKCA; RoHS, REACH, WEEE

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