Bring AI to your business operations with scalable, end-to-end edge computing
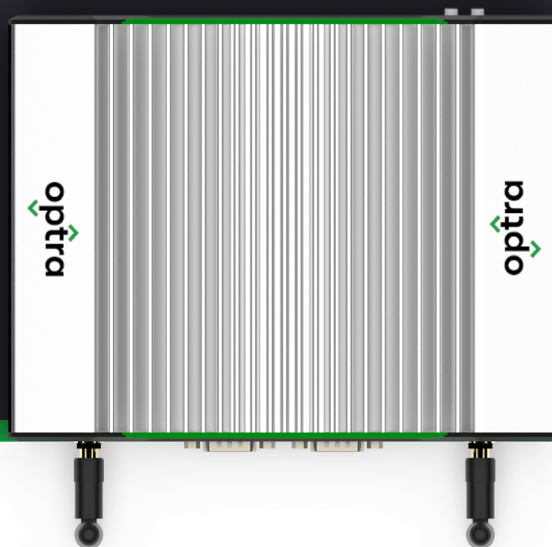
Lexmark™ | optra

Securely deploy edge AI applications at scale with Optra Edge – a first of its kind integrated hardware and software platform
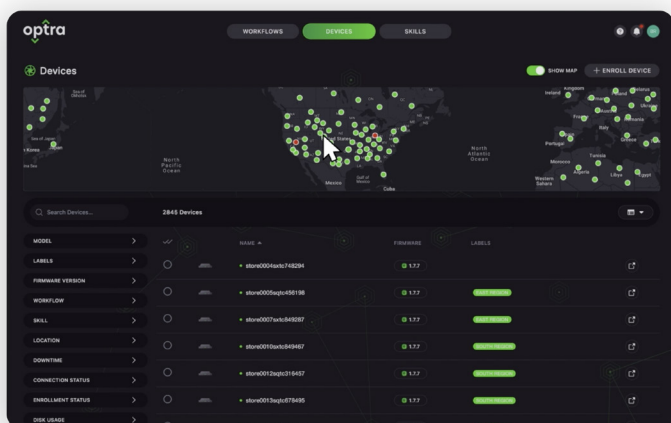
Optra Edge VZ6100 Edge Processor

Powered by NVIDIA Jetson Orin™ NX, **Optra Edge VZ6100** manages multiple camera feeds, optimizes AI processing and ensures consistent performance and reliability.

Master your fleet with the Optra Edge Device Management Portal

Provision and monitor your hardware and software right from your fingertips using our secure portal. See what's happening in real-time, wherever your applications and devices are deployed.
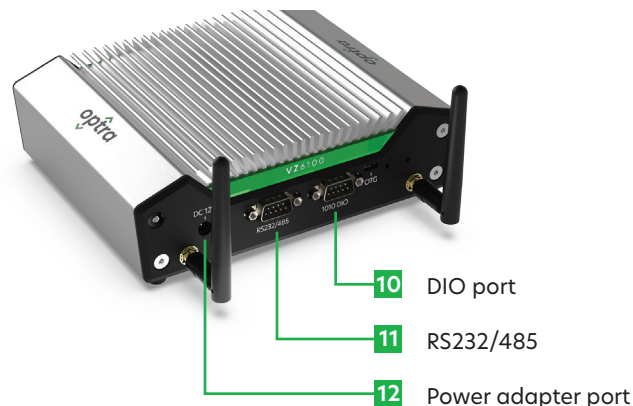
One portal, infinite possibilities
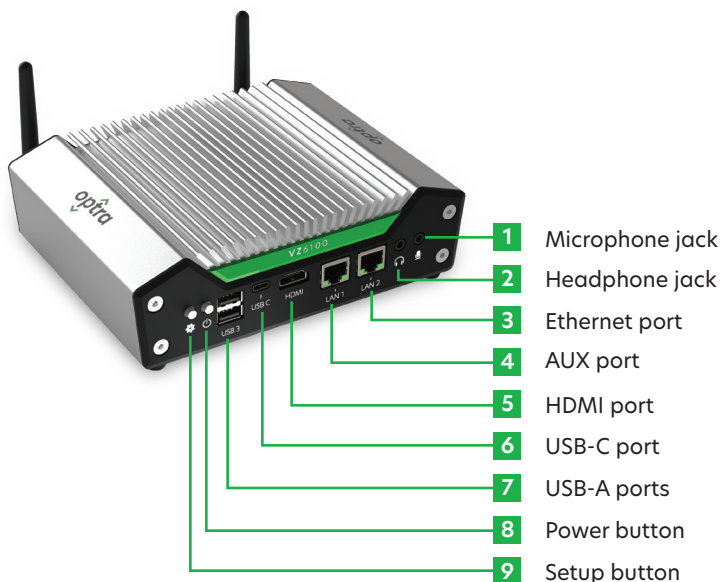
▸ Control AI deployments with Lexmark Optra Edge processors

▸ Manage all applications and installations remotely, including:

　▸ Security patches

　▸ AI model updates and deployments

　▸ Device status, data logs and use

▸ Gain visibility into your remote operations

▸ Integrate data with our IoT platform or other systems-of-record for advanced analytics

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View your business through the Optra lens

1 Microphone jack
2 Headphone jack
3 Ethernet port
4 AUX port
5 HDMI port
6 USB-C port
7 USB-A ports
8 Power button
9 Setup button

10 DIO port
11 RS232/485
12 Power adapter port

Product	
Model	VZ6100
Part Number	77D1200
List price (per unit)	$2,499 USD
Performance	
Processor	NVIDIA Jetson Orin NX
Storage	512GB (M.2 NVME)
Memory	16GB (128 bit)
AI Performance	157 TOPS
Security	
Trusted Platform Module (TPM)	Yes
Secure boot	Yes
OS update	Yes
Connectivity	
Local Area Network (LAN)	2 x 10/100/1000 Mbps
Wireless Local Area Network (WLAN)	Wi-Fi 5 (2.4Ghz & 5Ghz)
Personal Area Network (PAN)	2 x 2 Bluetooth Low Energy (BLE)
Local Ports	2 x USB-A (3.2) 1 x USB-C
Audio input	1 x internal microphone 1 x 3.5mm connector (headphone/mic)
Audio output	1 x 3.5mm connector
Video output	1 x 4K HDMI 2.0 (4K out)
General Purpose Input/Output (GPIO)	1 x DB9 (RS232/485) 1 x DB9 (7 DIO)
External storage	None
Antennas	2 x RP-SMA

Environment	
Operating temperature	-4F (-20C) to 140F (60C)
Operating humidity	95% @ 104F(40C) - non-condensing
Storage temperature	-40F (-40C) to 140F (60C)
Cooling	Passive
Power	
Power supply	60W external
Input voltage	12V to 19V
Certifications	
Certifications	CB, CE, UL, FCC
Software	
Docker version	20.10.25-ce
Compatible base container images	• nvcr.io/nvidia/deep-stream-l4t:6.2-base • nvcr.io/nvidia/l4t-py-torch:r35.2.1-pth2.0-py3 • nvcr.io/nvidia/l4t-tensor-flow:r35.3.1-tf2.11-py3 • nvcr.io/nvidia/l4t-ml:r35.2.1-py3
System OS	Poky Linux (Kirkstone)
NVIDIA L4T compatibility	Jetson Linux 35.5.0
Packaging	
Dimensions (without antennas)	7.2" x 5.9" x 2.3" (183 x 150 x 59mm)
Weight	3.3 lbs (1.51kg)
Box contents	1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications 1 x wall mount

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