Bring Al to your business operations with scalable, end-to-end edge computing

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 OrinTM 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



View your business through the Optra lens





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)
Al 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) 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 Certifications Certifications Compatible base container images Compatible base container images Compatible base container images System OS NVIDIA L4T compatibility Packaging Dimensions (without antennas) Weight August 2.2 (1.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2		
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 Certifications Certifications Compatible base container images Poky Linux (Kirkstone) NVIDIA L4T compatibility Packaging Dimensions (without antennas) Veight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Environment	
Storage temperature -40F (-40C) to 140F (60C) Cooling Passive Power Power supply Input voltage Certifications Certifications Certifications Certifications Compatible base container images Container images Compatible L4T compatibility Cystem OS NVIDIA L4T compatibility Packaging Dimensions (without antennas) Weight Norman Applications Power supply 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications Packacing Power supply 1 x publications Packacing Power supply 1 x power supply 1 x publications	Operating temperature	-4F (-20C) to 140F (60C)
Cooling Power Power Power supply 60W external Input voltage 12V to 19V Certifications CB, CE, UL, FCC Software • nvcr.io/nvidia/deep-stream-l4t:6.2-base • nvcr.io/nvidia/l4t-py-torch:735.2.1-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 Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Operating humidity	
Power Power supply 60W external Input voltage 12V to 19V Certifications Certifications Certifications Inversion/nvidia/deep-stream-l4t:6.2-base Inversion/nvidia/l4t-py-torch:735.2.1-pth2.0-py3 Inversion-nvidia/l4t-tensor-flow:r35.3.1-tf2.11-py3 Inversion-nvidia/l4t-ml:r35.2.1-py3 Poky Linux (Kirkstone) NVIDIA L4T compatibility Packaging Dimensions (without antennas) Terminal Certifications 7.2" x 5.9" x 2.3" (without antennas) Terminal Certifications Terminal Certifications	Storage temperature	-40F (-40C) to 140F (60C)
Power supply 12V to 19V	Cooling	Passive
Input voltage Certifications Certifications Certifications Certifications CB, CE, UL, FCC Software Docker version 20.10.25-ce • 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 Dimensions (without antennas) 7.2" x 5.9" x 2.3" (without antennas) Veight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Power	
Certifications Certifications Certifications CB, CE, UL, FCC Software Docker version 20.10.25-ce • 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 Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Power supply	60W external
Certifications CB, CE, UL, FCC Software Docker version 20.10.25-ce • 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 Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Input voltage	12V to 19V
Software Docker version 20.10.25-ce 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 Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Certifications	
Docker version 20.10.25-ce 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 Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Certifications	CB, CE, UL, FCC
Compatible base container images Compatible base container images System OS NVIDIA L4T compatibility Packaging Dimensions (without antennas) Weight Possible base container images NVIDIA L4T compatibility Packaging Dimensions (without antennas) NVIDIA L4T compatibility Packaging Dimensions (Number of the properties of the	Software	
Compatible base container images Compatible base container images System OS NVIDIA L4T compatibility Packaging Dimensions (without antennas) Weight System OS NVIDIA L4T compatibility Packaging Dimensions (without antennas) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm)	Docker version	20.10.25-ce
NVIDIA L4T compatibility Packaging Dimensions (without antennas) Weight T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm) T.2" x 5.9" x 2.3" (183 x 150 x 59mm)		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-
Packaging Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 3.3 lbs (1.51kg) 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	System OS	Poky Linux (Kirkstone)
Dimensions (without antennas) 7.2" x 5.9" x 2.3" (183 x 150 x 59mm) Weight 3.3 lbs (1.51kg) 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	NVIDIA L4T compatibility	Jetson Linux 35.5.0
(without antennas) Weight 1 x Optra Edge device 2 x antennas 1 x power supply 1 x publications	Packaging	
1 x Optra Edge device 2 x antennas Box contents 1 x power supply 1 x publications	21111011010110	1
Box contents 2 x antennas 1 x power supply 1 x publications	Weight	3.3 lbs (1.51kg)
	Box contents	2 x antennas 1 x power supply 1 x publications