

Simplify AI application deployment with *Optra Edge*

Deploy edge AI apps—swiftly and at scale—with Lexmark's integrated hardware and software platform



Benefits of edge computing

Computing happens where data's being gathered; instead of relying on servers thousands of miles away.

Enhanced security & privacy

Processing in real-time eliminates latency issues that can affect performance.

Save money and bandwidth by not processing solely in the cloud.

Easy scalability to multiple sites / locations

Reduce your external connectivity requirements. Your data is valuable, keep it private.

AI and edge computing: a powerful combination

Our integrated solution enables you to launch AI apps in weeks instead of months. Optra Edge combines industry-leading processing devices, custom and pre-built AI applications and a device management portal for secure and efficient app deployment and maintenance.

With Optra Edge, you can:

- ▶ Collect data from cameras and sensors
- ▶ Get alerts in real time
- ▶ Avoid internet issues with on-site computing
- ▶ Automate tasks using AI.

Optra Edge

Xerox's Optra Edge edge-computing platform is a modern end-to-end edge offering with all the security features and management capabilities, that you've come to expect from Xerox.



Powered by NVIDIA
Jetson Orin



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Scale Your Deployment With Our Management Portal

For enterprises looking for a scalable, secure and complete solution for deploying in-store AI applications, Xerox Optra Edge processors and our secure management portal offer the ideal package.

The Optra Edge portal gives you access to the data collected from cameras, microphones, and IoT sensors and offers charting, data visualization, and API calls to enable action and results.

From apps designed to count vehicles in a parking lot to those optimizing retail space layouts, the portal integrates seamlessly with your enterprise's existing infrastructure to enable consistent implementation across all your sites.

Management Portal Features

- ▶ Current device & connectivity status
- ▶ Skills running on each device
- ▶ Firmware and skills applications updates
- ▶ Tunnel into active skills & view live operations
- ▶ Easy scaling of skills anytime anywhere
- ▶ Built-in charting capabilities for data visualization
- ▶ Secure operations & Centralized Management
- ▶ Take advantage of ever expanding feature set

Experience Our Edge Processing Devices

Optra Compute 550



Optra CX2000



Optra VZ5000



Optra VZ5100



Optra VZ6100



TECHNICAL SPECS		COMPUTE 550	CX2000	VZ5000	VZ5100	VZ6100
Embedded	Sample Use Case Cameras Serviced (Recommended)	Data collection gateway 0	Data protocol translator 0	Visual AI skills 1-4	Visual AI skills 1-7	Visual AI skills 3-12
	Processor	Quad-core ARM v8	Quad-core ARM A55	NVIDIA Jetson NX	NVIDIA Orin Nano	NVIDIA Orin NX
	Storage	16GB eMMC	32GB	512GB (M.2 MVNE)	512GB (M.2 MVNE)	512GB (M.2 MVNE)
	Memory	2GB (32-bit)	4GB	8GB (128-bit)	8GB (128-bit)	16GB (128-bit)
	Performance	20 GFLOP	1 TOPS	21 TFLOP	67 TOPS	157 TOPS
	Secure Boot	Yes	Yes	Yes	Yes	Yes
	TPM	RFQ	No	Yes	Yes	Yes
	OS	Poky Linux	Poky Linux	Poky Linux	Poky Linux	Poky Linux
Input/ Output	Docker Containerized Skill	Yes	Yes	Yes	Yes	Yes
	Networking	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
	PoE	No	No	Yes	No	No
	Audio	3.5mm Output	Mic/3.5mm Output	Mic/3.5mm Output	Mic/3.5mm Output	Mic/3.5mm Output
	HDMI	No	Yes	Yes	Yes	Yes
Physical	WiFi	Standard	Standard	Standard	Standard	Standard
	USB Options	Cellular/LoRa/GPIO/BLE	Cellular/LoRa/GPIO/BLE	Cellular/LoRa/GPIO/BLE	Cellular/LoRa/GPIO/BLE	Cellular/LoRa/GPIO/BLE
	Enclosure	1U Rack Mount	Ultra-Compact	Compact	Compact	Compact
	Dimensions (LxWxH)	8"x19"x1.75"	3.7"x3.4"x0.9"	8"x8"x3"	7.2"x5.9"x2.3"	7.2"x5.9"x2.3"
Support	Cooling	Passive	Passive	Forced Air	Passive	Passive
	Power Supply	Internal 15W	External 15W	External 45W	External 60W	External 60W
	OS Updates	Yes	Yes	Yes	Yes	Yes
	Device Driver Update	Yes	Yes	Yes	Yes	Yes
Warranty		1 yr / Upgradable	1 yr / Upgradable	1 yr / Upgradable	1 yr / Upgradable	1 yr / Upgradable

Optra Edge for your AI applications
Start today and experience simple and scalable deployment.



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