

# ELERA® Self Service Technical Specifications

IN-STORE SERVER REQUIREMENTS	
MINIMUM HARDWARE REQUIREMENTS	
Processor	2-core minimum, Intel® Core i3 or better
Memory	8 GB minimum, 16 GB recommended
Storage	64 GB or larger, SSD
Additional Requirements	The minimum stated above may not be enough for servers running many services, or for servers running other workloads with ELERA.
OPERATING SYSTEM REQUIREMENTS	
Toshiba Operating System	TCx® Sky V1R2 SP2/SP3/SP4,/SP5, V1R3 GA/SP1/SP2, V1R4
Additional Requirements	Operating System must include Docker Support, OpenJDK8 and a Browser supporting ES6 (ECMAScript6)

**Important Note:** Customers MUST replace any Controllers using the Celeron Processor with the already required intel core i3 or greater level processor. As, MongoDB 7.0+ requires support in the processor chipset that is not in Intel Celeron processors.

ENTERPRISE AND CLOUD DEPLOYMENTS REQUIRED	
MINIMUM SOFTWARE REQUIREMENTS FOR RUNNING THE PLATFORM ON PREM OR IN THE CLOUD	
Cloud requirements	Retailer preferred cloud provider.
All solutions (On Prem or Cloud) require	8 GB minimum, 16 GB recommended

## Enterprise Environment\*\*

SERVICE	vCPUs	RAM	Temporary Storage	Bandwidth	Node Pools	Total Nodes	Pods per Service
Platform	4	16GB	32GB	Up to 2,000 Mbps	2	2	2
Pay	4	16GB	32GB	Upto 2,000 Mbps	2	2	2
Sisense	8	32GB	64GB	Upto 4,000Mbps	2	3	1-3

### ELERA SELF SERVICE 1.2402 REQUIRMENTS

Cash Devices	Not supported for this release
Belted Lane	Not Supported for this release
Camera	POP-ID camera
Third party payments	POP-ID only supported on Prox-hybrid on Windows 10
Lane types	Elera Self Service (ESS) is currently supported only on the System 7 and ProX Hybrid kiosk lanes. Also, ESS for this release does not support non-Toshiba hardware devices.

### SELF-CHECKOUT SYSTEM 7 TECHNICAL SPECIFICATIONS

Processor	-i3-4330, 4M Cache, 3.50 GHz -i5-4590S, 6M Cache, 3.70 GHz
Memory and Storage	-8 GB with 128 GB SSD -12 GB with 128 GB SSD -12 GB with 256 GB SSD -16 GB with 128 GB SSD
Operating System	TCx® Sky V1R2 SP2/SP3/SP4, V1R3 GA/SP1/SP2, V1R4 Windows 10 *
Shopper Guidance Light	Yes
Proximity Sensor	Yes
Bank Note Recycler	No
Bulk Coin Recycler	No
Transaction Awareness Ligh (TAL)	Yes
Additional requirements	Browser supporting ECMAScript6. For POS Peripherals:  -JavaPOS 1.14.11-L32, 1.14.12-L19 or 1.14.13-L22 -TCx™ Sky V1R4 requires JavaPOS 1.14.13-L22 -TCx SDK

## PRO-X HYBRID KIOSK TECHNICAL SPECIFICATIONS

Product Name	Pro-X Hybrid Kiosk
Model	6900-1K0
Core Cabinet	-Pro-X Pro-X Hybrid Kiosk Cabinet, kiosk printer and Zebra Symbol DS7708 scanner -Pro-X Hybrid Kiosk Cabinet, kiosk printer and Datalogic Magellan 3410VSI scanner
Printer	Toshiba 80 mm width high-performance KIOSK Thermal Printer KOP-3S01
Transaction Awareness Light (TAL)	Yes
Additional Requirements	Browser supporting ECMAScript6. For POS Peripherals: -JavaPOS 1.14.11-L32, 1.14.12-L19 or 1.14.13-L22 -TCx™ Sky V1R4 requires JavaPOS 1.14.13-L22 -Native Device Broker -TCx Sky extension, containing JPOS drivers for printer & TAL & 4610 emulation firmware (v26)

## TCx 800 ALL-IN-ONE POS: FEATURES

Product Name	TCx 800 All-in-One POS (Machine Type 6200)
TCx 800 All-in-One POS (Machine Type 6200)	Select from three TCx 800 All-in-One POS Systems with: - 15" - 15.6"
Models	103, 105, 108, E03, E05, E07, 113, 115, 117, E13, E15, E17
CPU Support	Intel 7th Generation uSeries processors: -Core i3-7100U -Core i5-7300U -Core i7-7600U
System Memory Supported	8GB (Min), 16GB, or 32GB DDR4
Storage	-128 GB, 256 GB or 512 GB PCIe NVMe M.2 SSD -Up to 2x SSDs supported -RAID support (i5/i7 models)

\* Additional Testing Required/Suggested.

\*\* Enterprise Environment Configuration is only recommended for the lab environment (Non – Production). For production configuration, please reach out to ELERA Support team.

**NOTE:** Operating system support may be impacted by hardware selection

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