

# ELERA® Associate Mobile Technical Specifications

IN-STORE SERVER REQUIREMENTS	
Minimum Hardware Requirements	
Processor	2-core minimum, Intel® Core i3 or better
Memory	16 GB or more RAM
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, 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 REQUIREMENTS	
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	<ul style="list-style-type: none"> <li>- Rabbit MQ v3.8.3 or higher (or equivalent message bus*)</li> <li>- Mongo DB 7.0 (or equivalent DB *)</li> <li>- NGINX (or equivalent Ingress/proxy and Load Balancer SW)</li> <li>- Kubernetes Cluster (v1.26 or higher) or equivalent *</li> </ul>

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

CLIENT TERMINAL REQUIREMENTS	
Light-Weight End-Point Minimum Requirements	
Processor	Depends on the supported device
Memory	Depends on the supported device
Storage	Depends on the supported device
Operating System	Android 11 (Zebra devices & TCxM1) or Android 13 (Google Pixel and for other Zebra devices the validation is in progress)
Additional requirements	<ul style="list-style-type: none"> <li>- ELERA Pay Agent</li> <li>- ELERA Device Agent</li> <li>- ELERA Pay Toshiba APK</li> <li>- Certificate for ELERA Pay Toshiba</li> <li>- Internet connection</li> </ul>
Supported Devices	<ul style="list-style-type: none"> <li>- Toshiba TCx® M1</li> <li>- Zebra™ TC53/58</li> <li>- Zebra TC52/57</li> <li>- Sunmi P2 Lite (T5810)</li> <li>- Zebra ET40/45</li> <li>- Google Pixel tablet</li> </ul>

\* 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