



Payments.iQ NG

Infrastructure Technical Requirements

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Version 1.15



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Software Requirements (Virtualization)

Vmware	OR	Hyper-v Hypervisor
1. ESXi 6.7 and later		1. Hyper-V host Windows version 9.0 and later
2. Fusion 12.2.x		
3. Fusion 12.x		
4. Fusion 11.x		
5. Fusion 10.x		
6. Workstation 16.2.x		
7. Workstation 16.x		
8. Workstation 15.x		
9. Workstation 14.x		

Server-Side Requirements

Payments.iQ NG Application Server:

Resource	Minimum (500 transactions per day)	Recommended (5000 transactions per day)
CPU	12 Core (x64 Processor: Intel Xeon or AMD EPYC with a minimum processor frequency of 2.5 GHz** or higher or similar processors)	16 Core (x64 Processor: Intel Xeon or AMD EPYC with a minimum processor frequency of 2.5 GHz** or higher or similar processors)
RAM	32 Gb RAM (Static)	64 Gb RAM (Static)
Disk space	300 Gb SSD for the server-side installation	300 GB SSD for the server-side installation
Network connection	1 Gbps	1 Gbps
Graphics card ***	NVidia: • RTX 3060 12 GB • RTX 4070 / 4070 Super • RTX 3080 Ti / 4070 Ti	NVidia: • RTX 5060 Ti 16 GB • RTX 4070 Ti Super (16 GB) • RTX 4080 / 4080 Super

** A frequency of around 3.0 GHz is optimal – it provides a balanced combination of performance and energy efficiency.

***A graphics card is required for the AI assistant to operate in Payments.iQ NG and PulseAI.iQ NG.

DB server MS SQL 2017 Standard (1 license) for Payments.iQ NG:

Resource	Test environment	Production environment
CPU	8-core (x64 Processor: All Intel and AMD x86-64 CPUs with 64 cores or less per NUMA node)	12-core (x64 Processor: All Intel and AMD x86-64 CPUs with 64 cores or less per NUMA node)
RAM	16 Gb RAM (Static)	24 Gb RAM (Static)
Disk space	1 Tb SSD	2 Tb SSD

Required Open Network Ports:

Application	Port
NG	Operational: 443/https - WEB UI / API 80/http - API
	Administrational: 3000/https - Control Panel UI 8090/https - Control Panel API 8445/https – Reserved for Grafana 22/tcp - ssh

ATM Requirements

Hardware Requirements	Software Requirements
- ATMs with Cash Recycling support - One of the following cassette modules is installed: - RM3 - RM4	- VCP Lite version 4.1.2 (includes WebEx 4.0, i.e. the Proflex UI graphical interface) or - VCP Pro, version 4.1 - Operating system no earlier than Windows 10

The software may be installed on an ATM with a configuration other than the one specified upon agreement with the project team.