

QUORION

Data Systems GmbH



In touch with business

TOUCH²

One-Touch Solution

Today business owners face more pressure from tough competition, new business concepts, and eroding margins than ever before. How can you continuously deliver rapid, dependable service during peak hours, manage demands for greater product selections, and at the same time control escalating costs? Enter the QTouch².

The new Quorion POS system presents the answers to face these and future challenges with confidence. The compact, ergonomic design combined with powerful hard- and software features make the QTouch² the ideal solution for businesses where appearance is as vital as performance.



Design

The Quorion QTouch² impresses with a sleek and compact design for discreet placement in any establishment. Yet, it nevertheless convinces with its sturdy construction and performs magnificently under arduous conditions.

The durable modular concept guarantees a universal application with minimal requirements for either standing or hanging installations. Because The QTouch² is marginally larger than its display, you can place it quickly and conveniently wherever you please. You can hang it on the wall, set it on a bar, or even position it in an opening of your work space.

Moreover, the QTouch² furnishes an ergonomic input area, so that you can quickly adapt to on-going events and positively influence your business. The anti-glare, 12", color TFT touch screen accelerates through-put and minimizes entry errors. It allows you to rapidly handle complex, menu based ordering. Trainees in turn benefit from the user friendly touch navigation, which leads them through the order process by displaying available options. The QTouch² can then prompt the user to cross-sell additional items to customers. With a reasonable investment you profit from a fully integrated POS system.

The QTouch² incorporates touch screen technology with a customer display and Dallas lock to become your one-source hardware solution. These design and functional characteristics ultimately lower your costs, enhance productivity, and increase customer satisfaction.

Design – Ergonomics

- Compact design
- Graphical customer display
- Ergonomic 12" TFT-screen
- Anti-glare screen surface





Retail

At the forefront of the Quorion QTouch² is the ability to deliver intelligent, profit maximizing features for retail management. The QTouch² supplies a complete management system with highlights such as 50,000 PLUs, scanning, and stock control. You can also program up to 50 variations of multi-buy action tables and thereby offer special discounts with repeat purchases to your clients. Furthermore, the QTouch² makes cross-selling possible during transactions. A pop-up menu shows a list of all items that may also be of interest to the customer. The clerk can then suggest an item from the list. This definitive collection of features provides the means to resourcefully increase your revenue.



Security

When it's Friday night and you have a full house, the last thing you need are unreliable POS solutions. The QTouch² hardware, however, delivers system stability that is built right in.

To illustrate, the FLASH ROM data memory assures you permanent and secure data storage. Similarly, the SRAM short term memory maintains your data integrity in case of power failures during ordering. In such a scenario, you would simply restart the POS system and retain the previously started receipt. The nature of the proprietary hardware also disposes of the common PC problems such as data corruption or hard drive failures.

Furthermore, the Linux operating system sets the foundation for solid, reliable operation, because it confers greater protection against manipulation and malware such as viruses. You can therefore rest easy knowing that your data is safe and secure.

Security

- Operating system Linux
- Protected FLASH memory for sensitive customer data and reports
- Fast battery buffered SRAM for current receipt data
- Clerk identification with forgery secure Dallas-iButton
- Reliable proprietary hardware without PC-components
- Safeguard against failures, manipulations and viruses



Hardware

The Quorion QTouch² is an embedded and closed POS system. As opposed to a PC based solution there are no noisy fans or labor intensive set-ups with components and drivers.

No dirt and fluids can enter the housing and damage your hardware. This is especially beneficial in the hospitality industry, where spills and accidents happen more often.

The embedded processor delivers performance and brings complex jobs down to size. Ample memory reserves and battery buffered, short term memory reinforce performance and longevity. The QTouch²'s low cost of ownership therefore makes it the ideal POS system to fit your needs today and meet the challenges of tomorrow.

Hardware

- Embedded ARM920T processor (fan less)
- No hard disc – low maintenance
- 32 MB FLASH ROM program memory
- 32 MB SDRAM working memory
- 16 MB FLASH ROM data memory
- 1 MB SRAM temporary memory (battery buffered)



Software

At the forefront of the QTouch² is the internationally acclaimed QMP software. It is exceptionally well balanced and incorporates great sensitivity to fine detail. Software and hardware therefore function seamlessly as a single entity. The embedded, high-performance program imparts the power to customize system parameters.

Its dynamic memory allocation and easy programming permits you to assign resources to the parameters, which are most important to you. The decision to include many PLUs or a large volume of journal lines is yours to make. Extensive keyboard levels and an interactive window-system also make operation extremely user friendly.

Set up custom menus, multiple function or quick tender keys fast and easy. Unsurprisingly, the QMP software makes management critical reporting effortless, whether it's through a direct PC connection or a WAN (Wide Area Network). The QTouch² quite simply sets the tone for retail, hospitality, and hotel applications.

Software

- QMP – Quorion Multi Purpose
- Dynamic memory allocation
- Free configurable report structure
- Easy programming
- Graphical user interface
- Intuitive operation



Communication

The QTouch² comes with a full array of interfaces to ensure that you can work with the next generation of devices. Most notably is the Ethernet port, which gives you the ability to integrate the QTouch² into any existing network for technically sound and cost effective communication. In addition, you profit from other interfaces such as RS232, USB, or RJ 11. The QTouch² even contains card readers for SD, SIM, and SmartCard technology. This interface collection gives you all the compatibility you need for your branch specific devices such as mobile ordering terminals, wireless modules, beverage systems, and many more.

Truly remarkable are the system's remote management features. The QTouch² opens up the door for you to step into a new era. Work from your office and comfortably manage your branches.

Import data into your CRM software, program your QTouch²'s or call up reports remotely all via the Internet. It is that easy. Indeed, the QTouch² not only supports you in the way you do business, but also unlocks new possibilities for you to resourcefully manage your enterprise.

Communication

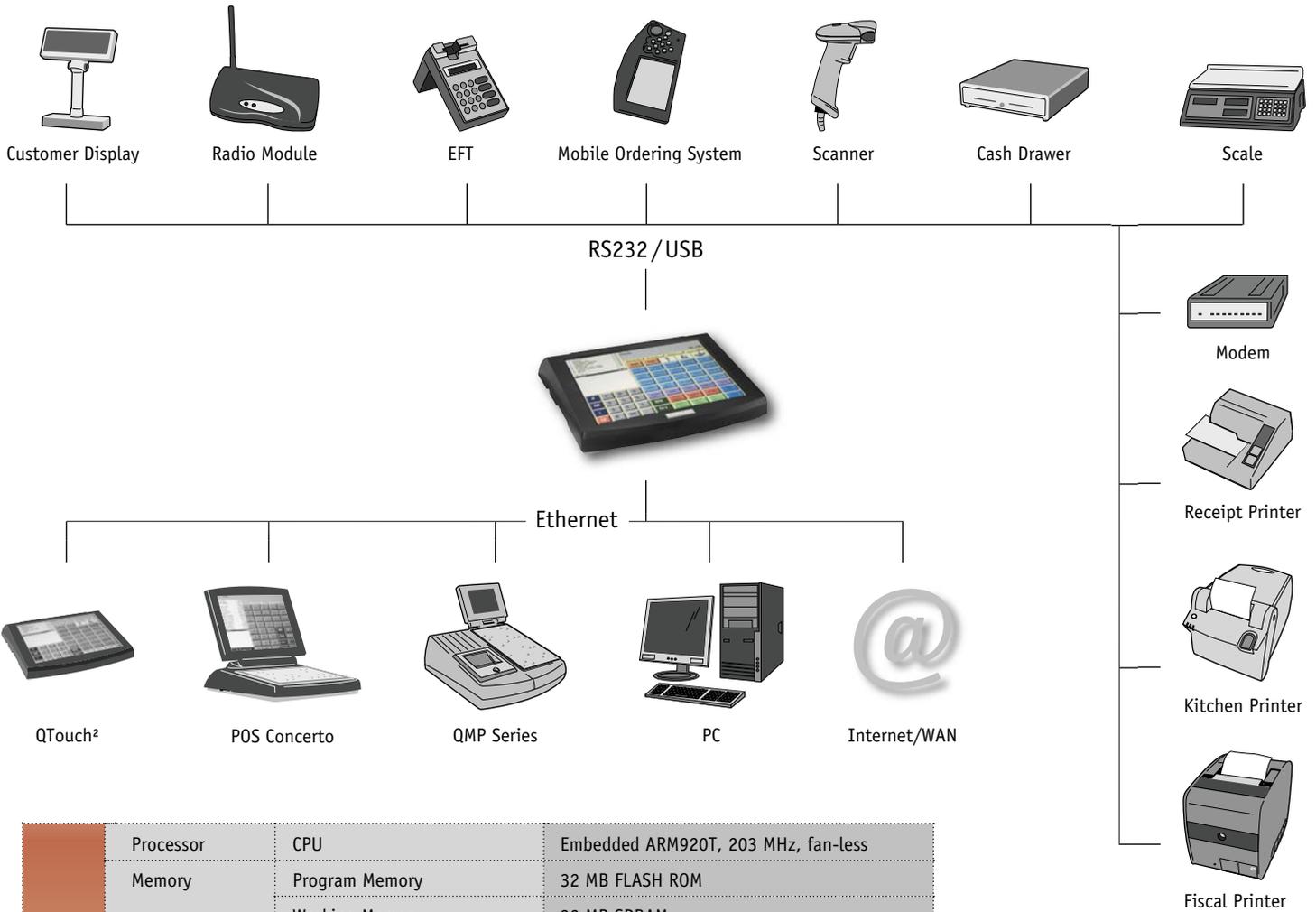
- Interfaces: RS232, USB, LAN, cash drawer
- Integrated card readers: SD, SIM, Smartcard
- Fast and reliable network facilities
- Data export and import
- PC driver software
- Remote maintenance

Hospitality

The graphical touch screen unlocks new possibilities to cleverly manage your restaurant. Take advantage of a user interface, which offers table layouts, menu structures, and button customization. Similarly, create fully interactive table layouts to fit the interior of your restaurant. Color codes show the status of a table and thereby convey information about it - see which tables are open or closed as well as those that the service staff has ignored. Skillfully manage all tables to increase operating efficiencies and maximize customer turn-over. Separate/combine tables, reopen them, or transfer balances fast and easy.

Also take advantage of the QTouch²'s table floating capability, which automatically transfers all active sales data per customer to any POS system in your network. Share information and devices over a network to remain as flexible as your business requires.





Technical References	Processor	CPU	Embedded ARM920T, 203 MHz, fan-less
	Memory	Program Memory	32 MB FLASH ROM
		Working Memory	32 MB SDRAM
		Data Memory	16 MB FLASH ROM
		Temporary Memory	1 MB SRAM (battery buffered)
		Memory Expansion	SD card slot
	Display	Operator Display	12.1" TFT-Color-LCD, anti-glare
		Touch Screen	4 wire resistive
		Resolution	800 x 600 pixel
		Adjustable Tilt Angle	0° - 45° (optional, with stand)
	Interfaces	Customer Display	Graphical VFD, 140 x 16 pixel (optional)
		Serial	2 x RS232 + 4 x RS232 (optional)
			USB
		LAN/Ethernet	1 x RJ45 (optional)
		Cash Drawer	2 x RJ11
		Card Reader	1 x Smart Card, 1 x SIM Card (optional)
		Clerk Key Lock	Magnetic Dallas i-Button
		Software	Operating System
	Application		QMP - Quorion Multi Purpose
	Specifications	Dimensions (DxWxH)	275 x 315 x 65 mm
		Weight	3.2 kg
Power Supply		External AC adapter, 110 ... 240 V	
Operating Temperature		0 ... +40°C	
Storage Temperature		-10 ... +50°C	



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