Small cash register – huge progress: Epson IR-700

A revolutionary generation of Epson all-in-one cash registers enters the market with the Epson IR-700. At first glance, the new "cash register flagship" is characterised by its straightforward design. Upon closer inspection, it becomes clear that Epson has succeeded in combining maximum benefit with minimal size. The ergonomic cash register system features convenient use of all functions and options. But not only the sophisticated design distinguishes the Epson IR-700 from its established predecessor IR-320: Intel Celeron M and Pentium M processors ensure high performance at extremely low noise level and power consumption. In addition to the brilliant 12.1 inch SVGA or 15 inch XGA display featuring a touch screen, the increased flexibility of the system via an integrated CompactFlash slot and new wireless LAN and peripheral options facilitate everyday work. The performance, adaptability and reliability of an outstanding brand on a footprint of just 250 x 340 mm: The Epson IR-700 provides convenience and efficiency in the cash register operation of specialty retailers and resellers, grocery markets and the hospitality segment as well as point of information stations.

Anything is possible – outstanding cash register!

The features set standards: the rapid high-performance of the Epson IR-700's Intel Pentium M 1.8 GHz and Intel Celeron M 1.3 GHz processors is reflected neither in the noise level nor power consumption – on the contrary. On average, Intel Pentium M processors consume less than a tenth of the energy of a comparable Pentium 4 processor. Based on daily 24-hour cash register operation, this results in annual savings of up to EUR 200!

The cash register system's 15-inch TFT touch screen is extremely bright and is also suitable for use in light rooms. In addition to toughness with regard to splashing, the specially-treated screen is also fingerprint resistant. The standard "Dual Screen Function" even enables operation of a further screen, for example to display promotions to customers via an additional application, generating improved sales.

The integrated Epson TM-T88IIIX thermal printer is based on the leading global PoS-printer Epson TM-T88III. Maintenance-free and featuring "drop in" paper changing, it ensures rapid printing of neatly-edged receipts in usual Epson quality!

Versatile in every respect

Thanks to its manifold easily accessible interfaces, the Epson IR-700 is extremely flexible. Users can deploy precisely the peripherals and storage media they want. As standard PC components are

The compact high-end PoS system with 12" TFT, receipt printer, 28 key pad, MSR, customer display.

The IR-700 in dark grey with 15" TFT and e.g. 60 POS-keyboard, MSR and customer display.

A look to the many interfaces and HDDs (opened rear cover)

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used, upgrading the system is easy – the Epson IR-700 is perfectly equipped for the future. In combination with the RAID controller, a further 3.5-inch hard drive ensures outstanding reliability as well as automatic data storage and easy installation. This system also puts an end to cable clutter at PoS: One single power cable is required for the entire cash register system and network integration is even simple for novices thanks to the network interface or the optional Epson wireless LAN card. Furthermore, 4 rapid USB 2.0 and 4 free serial ports, parallel and PS/2 interfaces fulfil all requirements regarding peripheral connections.

At 250 x 340 mm, the footprint of the Epson IR-700 is extremely compact. This can even be reduced to 250 x 260 mm thanks to the kiosk kit for positioning the cash register vertically. Thus, the cash register system is also ideal for the smallest spaces. Furthermore, it features a "minimal profile" due to its compact dimensions and does not impede eye contact with customers. The integrated DM-D customer display proven innumerable times can be retained.

Upgrade memory or insert CompactFlash card? No problem with the easy accessible motherboard.

Key criterion: reliability

Reliability is THE key criterion of excellent cash register systems – if the cash register is unstable, sales are at risk. Thus, every component of the Epson IR-700 is extremely robust and durable. The operating life of components is well above average even when in use "around the clock". Epson's comprehensive maintenance software reduces failures and provides extensive remote diagnosis and backup functions via ISDN, internet or LAN. The system's serviceability is beneficial in case upgrade is required. Whether motherboard, hard drives, printers or monitors, all components can be accessed or exchanged rapidly and easily. Time required: less than 5 minutes.

On-site service into the bargain

For an entire year, on-site service is included in the purchase price of the IR-700 as well as the other cash register systems SR and MR. Qualified technicians replace, wherever possible, any defective components right where the cash register is installed, thus ensuring quick resumption of smooth operation at the check-out and keeping turnover losses to a minimum. For those wishing longer-lasting dependability, there is also the option of extending the on-site service to three or more years.

The vertical setting kit (option) once more reduces the footprint. The receipt is presented to the user.

Branch solutions

Meanwhile, there are a large number of software programmes, which have been designed for use with the IR and cover all important business needs from general merchandising solutions to branch related applications.

You can find the complete solution, which is most suitable for your business sector in the „EPSON Solution partner" table.

The HDDs are easy to reach an ensure protection of the important data via RAID Controller.

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Features of IR-700

Your benefit

All-in-one concept	No cable knots at PoS, protection of inadvertent disconnection
Compact design, minimized footprint	Minimal footprint (25 x 34 cm) saves space on the counter, that can be used for additional revenue
Modular structure, many options	The IR can be individually customised, all components are specially built to work with each other
User friendly and future oriented stylish design	Good looking for many years, smart appearance for the customers, easy to clean
2 colours available	You can select: cool white or dark grey
Integrated high-resolution TFT touch screen	Brilliant, large display of graphics, text and photos. Very sensible and easy to touch
Programmable an adjustable user-interface	Colour coding and large on-screen buttons minimise learning-curves and maximise ease-of-use, Photos and symbols can be shown as well, especially useful for often changing staff
Easy handling by touch of the finger	Quicker introduction of personnel, easy to clean
Protected against fingerprints	Finger prints do not disturb the clear graphics
High-end PC-technology with Intel Pentium "M" and Celeron "M" CPU	Strong and approved; based on industry standards; long term availability, worldwide support
Advantages of „M" CPU	Compared to desktop CPUs at similar clock rate double performance; produces less heat; needs less fan power (= less noise); much less power consumption saves up to 200,-€ per year
Dual-display controller integrated	Enable to run 2 applications simultaneously; promotions can be shown on second display to increase business
Based on standard PC technology	Open standard architecture for a save investment
Integrated Ethernet card (10Base-T, 100Base-TX)	Easy to connect to networks, Wake-on-LAN-function allows to boot the system by network
Powered USB card (Option)	Saves the power supplies of external peripherals like scanners or credit card terminals
Wireless-LAN card (option available September 2005)	Place the IR wherever it is needed; high flexibility for hospitality or checkout lanes where wireless LAN is installed
External USB 2.0 CD-ROM or floppy drive (option)	Update, installation or maintenance on-site becomes a Childs play
Up to two 3,5" HDDs with RAID controller on board	Perfect for permanent data mirroring; high security level ensures ongoing business transactions
HDDs are lockable (option)	High security level to prevent data loss and unauthorised use of the system, no access to confidential data
CompactFlash interface placed on the motherboard	Bootable via CompactFlash also without any HDD; CF-memory is more durable than HDDs
Worldwide proved thermal PoS-printer with a easy paper handling is integrated	Easy to use and reliable, avoids waiting time for your customers in case of paper end, high printing performance
Integrated sound function	Sound files or spoken remarks for trainings and presentations can be used
Many integrated interfaces like 4 serial and 4 x USB 2.0 free	Flexibility and upgradeability through open PC-architecture saves the investment; bootable via USB and CompactFlash
2 internal PCI ports	Easy upgrade with ISDN or other PCI cards
Strong integrated power supply	Only one power connection for the complete system

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Integrated 3-track MSR (option)	Best ergonomic position, easy to use e.g. for EC cards
Cable cover	No cable knots, protection of inadvertent disconnection
Programming tools free of charge	Saves time and money for application development
Remote maintenance and diagnostic tools free of charge	Saves on-site service cost; updates can be easily done per remote via LAN or the Internet
Extremely service friendly, only few screws	Reduced service- and maintenance costs, quick and easy adaptation of the system
Free programmable 60 PoS-keyboard with 2 integrated USB ports and manager key lock (option)	For applications that require a keyboard; additional peripherals can be connected to keyboard; high security level through manager key lock
Free programmable 28 PoS-keyboard attached to LCD (option)	Combines comfortable touch-input and quick numeric data input
Extremely robust construction ("Heavy Duty")	Reliable and sturdy; also for use in tough environment like fast food restaurants or DIY- garden markets
1 year On-site-service included; 3-year On-site-service as option	Ensures ongoing business at the POS in case of defect; for 3 years and also on weekends
Affordable price scheme	Specific configurations are possible to cover individual needs, quick ROI („Return on Investment")
An Epson product	The performance of a strong partner, long availability; worldwide experience, service and support

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Technical data Epson IR-700

CPU	Intel Celeron® M 1.3 GHz or Intel Pentium® M 1.8 GHz (FSB: 400 MHz)
Memory	2 x 184 Pin DDR SDRAM DIMM, max 1 GB
Drives	• CompactFlash interface on board (bootable) • 1 HDD 3,5" or 2 HDDs 3,5" (serial ATA) • Floppy drive external (option) • USB 2.0 CD-ROM or CD-RW external (option)
Extensions	2 x PCI (also for 3,3 Volt)
Interfaces	• 4 serial free, with +5V or +12V • 2 PS/2 • 1 for cash drawer • 1 parallel (ECP, EPP) • 4 USB 2.0 high-speed, 2 of them bootable • 1 for ext. CRT/LCD • 1 24V for TM-printer • 1 Ethernet 10Base-T/100 Base-TX, wake-on-LAN • 1 Microphone in, line-out • 1 power in
Video	Video controller with dual-display-function 15": 1024 × 768, 260,000 colours (up to 16 Mio.) 12,1": 800 × 600, 260,000 colours (up to 16 Mio.)
Touch screen LCD	15,0" (38 cm) TFT (XGA) resistive or 12,1" (30,7 cm) TFT (SVGA) resistive
Standard features	• Power switch on front side • Main reset switch on front side • TM-printer reset switch on front side • integrated power supply 100-240 V • integrated adjustable speaker
OS	Windows2000 professional Sp4 / WindowsXP professional Sp2
Dimensions WxDxH mm	250 mm × 340 mm × 254 mm (main unit without LCD, including cable cover)
Weight	approx. 6,4 kg (without HDD)
Colour	Epson cool white (ECW) or Epson dark grey (EDG)
Options	• 3-track MSR ISO • Thermal printer TM-T88IIIX • Printer Tray for other TM-printers • Dummy-Cover (if printer is not integrated) • Integrated customer display DM-D • Pole extension for DM-D • Kiosk kit for vertical setting • 2nd HDD 3,5" (RAID) • Epson Powered USB-card (PCI) • Epson Wireless LAN-card (PCI) • Epson programmable 28 key unit • Epson programmable 60 keyboard • External Epson TM-printer • External CD-ROM or floppy drive • 3 years On-site-service

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Included Accessories	• Driver CD-ROM
	• Maintenance and diagnostic software
	• User manual
	• Cable cover
	• 1 year on-site service

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