

NCR ELECTRONIC PAYMENT CONTROLLER

Fast and secure like it should be



The EPC enables fast and secure electronic payment transactions and is designed for maximum reliability and ease of use. It isolates credit processing software from other point-of-sale functions without losing the benefits of an integrated solution.

With an Intel® Atom™ Dual Core processor, fast DDR3 RAM, and the Intel® NM10 express chipset, the EPC offers great performance with low power consumption for a more reliable design.

For enhanced security, I/O ports are internal and are not accessible when the clamshell enclosure is closed. The die cast aluminum enclosure can be secured with a padlock, Kensington style lock, or tamper evident zip tie. In addition, dual NICs can offer further isolation of the credit network from the store network.

An integrated power supply, long-life industrial grade components, a fanless thermal design, and solid state storage all contribute to strong reliability. And it's easy to quickly determine device status with a backlit operator display, interactive menu control buttons, and five status LEDs on the front panel.

Alternating Features	
1646-0000-8801	EPC WEPR7 16 GB Storage 2 GB RAM
1646-0001-8801	EPC WEPR7 16 GB Storage 2 GB RAM with Modem
1646-0002-8801	EPC WEPR7 32 GB Storage 4 GB RAM
1646-0003-8801	EPC WEPR7 32 GB Storage 4 GB RAM with Modem
1646-K000	Optional Mounting Bracket Kit
1639-K067	Replacement U.S. A/C Power Cable 6 ft
1639-K001	Replacement Network Cable 15 ft

Solid state design with no moving parts and industrial grade components

- High reliability, silent operation, and low support costs
- Built to withstand continuous usage and 24x7 operations

For more information, visit www.ncr.com, or email retail@ncr.com.



Why NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 550 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Duluth, Georgia with over 30,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries. The company encourages investors to visit its web site which is updated regularly with financial and other important information about NCR.

Specifications	
CPU	<ul style="list-style-type: none"> Intel® Atom™ Processor D2550 (1.86 GHz Dual Core)
Chipset	<ul style="list-style-type: none"> Intel® NM10 Express Chipset
Memory	<ul style="list-style-type: none"> Up to 4 GB DDR3 One SODIMM slot
Storage	<ul style="list-style-type: none"> 16 GB or 32 GB SATA Solid State Drive, MO297 form factor
Operating System	<ul style="list-style-type: none"> Microsoft Windows® Embedded POSReady 7
Control Buttons	<ul style="list-style-type: none"> (2) menu control buttons (1) power button (1) reset button
Display	<ul style="list-style-type: none"> Integrated 2x20 character LCD with backlight
Connectivity	<ul style="list-style-type: none"> The following I/O ports are located inside the clamshell enclosure for greater security: (2) Auto-selecting 10/100/1000 Base-T Ethernet ports using TCP/IP (4) RJ12 serial ports (2) RJ12 powered serial ports (12V, 500 mA) (4) USB 2.0 ports
Video	<ul style="list-style-type: none"> DVI-I
Audio	<ul style="list-style-type: none"> PC buzzer
Modem	<ul style="list-style-type: none"> Optional PCIe dial-up modem
Front Panel Status LEDs	<ul style="list-style-type: none"> Power, Status, Hard Drive, LAN1, LAN2
Enclosure	<ul style="list-style-type: none"> Lockable die cast aluminum clamshell design with latch release
Locking Mechanism	<ul style="list-style-type: none"> Enclosure can be secured using a padlock, Kensington style lock, or tamper evident zip tie; when locked, there is no way to disassemble the unit to gain access
Cable Management	<ul style="list-style-type: none"> T-slot on back panel for routing cables from internal I/O ports; easy to use cable lock feature for cable retention
Mounting	<ul style="list-style-type: none"> Optional two-piece mounting bracket system comprised of a base bracket and a wall bracket; base bracket slides into wall bracket and can be secured with a padlock

Specifications	
Power	<ul style="list-style-type: none"> Integrated auto-switching power supply with standard IEC connector Input: 100V–240V AC, 50–60 Hz
Thermal Management	<ul style="list-style-type: none"> Passive cooling with no fans
Dimensions	<ul style="list-style-type: none"> 10.0" (W) x 9.0" (L) x 3.0" (H) 254 mm (W) x 229 mm (L) x 77 mm (H)
Weight	<ul style="list-style-type: none"> 5.9 lbs, 2.7 kg
Operating Temperature	<ul style="list-style-type: none"> 32° F to 122° F, 0° C to 50° C
Storage Temperature	<ul style="list-style-type: none"> 32° F to 158° F, 0° C to 70° C
Operating Humidity	<ul style="list-style-type: none"> 5% to 95% non-condensing
Storage Humidity	<ul style="list-style-type: none"> 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> FCC, TUV, CE, C-tick

Installation notes

Footprint

An area of no less than 11" W x 10" L x 4" H is necessary to properly install the EPC. Do not cover or install the EPC in an enclosed space.

Power and Cabling

This product includes an integrated auto-switching power supply (input: 100V–240V AC, 50–60 Hz). Connect the IEC end of an A/C power cable to the EPC and the prong end to an A/C electrical outlet. Using an Uninterruptible Power Supply is recommended for protection against power surges, lightning strikes, and power loss.

The Ethernet, Serial, and USB ports are located inside the lockable clamshell enclosure for enhanced security. With the clamshell open, route these cables through the T-slot and cable lock features located on the back panel.

Moisture

The EPC is not water-resistant. Accordingly, units should not be installed in areas where they might be exposed to water spray. Units are not intended for outdoor installation.

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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