



# NCR Personas™ 90e

## Specification

**MORE**  **RESULTS**

Product dimensions	
Height	57.1" (1,450mm)
Width	46.5" (1,181mm)
Depth	34.1" (866mm)
Weight	2,976lbs (1,350kg)
Installation	Suitable for exterior free standing locations

**Customer interface**

**Display**

12.1" (307mm) XGA sunlight readable color LCD screen  
Exterior touchscreen  
8 tactile function display keys

**Keyboard**

Ruggedized tactile 16 key  
Secure EPP (Encrypting PIN Pad): supports Triple DES and Remote Key Management

**Card reader**

DIP  
IMCRW (Integrated Motorized Card Reader): option to support smart cards

**MEI (media entry/exit indicators)**

For enhanced security and ease of use

**Dispenser**

4 denomination with bunch, retract and purge capability  
NCR multimedia cassette with 11.6" (295mm) capacity

**Deposit**

**Cash Acceptor**

Accepts and validates up to 100 notes per transaction

Up to 50 note denominations per template

Remote download of currency templates

High capacity storage up to 3,400 notes

Escrow capable of returning notes to customer

ECB Article 6 compliant

**iTRAN 1000 Check Processor**

Check and credit slip processing

True MICR read of E13B or CMC7 code line

High quality front and rear imaging of documents

Rear endorsement printing either single line or multi-line

**Envelope depository**

Optional envelope dispenser

**Printers**

**Receipt printer**

40 column graphics thermal printer including check image printing

Capacity up to 5,000 transactions, 4.4" (112mm) receipts

Form length 4.4" - 7.5" (112mm - 190mm)

Optional sideways feature allows 80 column x 20 row mini-statement

**Journal printer**

40 column graphics thermal printer

**Statement printer**

80 column letter quality thermal printer with document capture

Capacity up to 800 sheets 12" (305mm)

Form length 4" - 12" (102mm - 305mm)

Optional full graphics

**Security**

EPP (Encrypting PIN Pad): certified as meeting the requirements of ISO 9564-1, ISO 13491-1 and ISO 13491-2

Complies with ANSI A117.1-1998 layout guidelines

IMCRW: card reader: certified EMV 3.1.1 and EMV 4.0 Level 1

Optional fraud countermeasures include ECD (Enhanced Card Drive or 'Jitter') and CROPF (Card Return on Power Fail)

**Safe**

UL291 Level 1

**Accessibility**

Subject to customer compliance with NCR Site Preparation and Installation Guidelines, the Personas 90e complies with **ADAAG sections 4.34.2, 4.34.3 and 4.34.4** (as amended through September 2002).

Of the remaining portions of ADAAG specifically addressed to automated teller machines, section 4.34.1 addresses the route on which the product is placed and not aspects of the product itself and section 4.34.5 is a performance standard that does not specify how to achieve or measure compliance and therefore NCR does not offer guidance as to such compliance.

• **AS3769-1990 - Australian Standard for Accessibility** - with minor exceptions, the Personas 90e produced for sale in Australia complies with this standard

• **Access to ATMs: UK Design Guidelines 2002** - with minor exceptions, the Personas 90e produced for sale in the UK conforms with these guidelines

• **CAN/CSA B651.1-01** - with minor exceptions, the Personas 90e produced for sale in Canada complies with this standard

**Environmental**

**Temperature**

-30°F to 122°F (-35°C to 50°C)

**Humidity**

10% to 100%

**Acoustics**

Sound power 71dBA



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