

# Express Vendor 1100



## Express Vendor at-a-glance:

- Express ticket vending machine
  - Flexibility of fare structures from simple to complex — time, zone, value, multi-trip, Autoload and/or Ticket on Departure
  - Configurable as a web kiosk
  - Communications to central system via Ethernet
  - Wall, pillar or pedestal mounting (option)
- Expedite queues and save cash collection costs with credit/debit card payment only
  - Dip credit/debit card reader for magnetic cards
  - Encrypted PIN pad
  - Issue credit/debit transaction receipts
- Flexibility of fare media
  - Recharge paper, plastic, or Triplex magnetics
  - Recharge ISO 14443 Type A and Type B full featured and limited use contactless smart cards using Cubic's Tri-Reader® multi-protocol card inter-face device
- User-friendly interfaces
  - Simple graphical display, video help screens
  - Help screens and audio
- Superior security
  - Stainless steel vandal-resistant cabinet
  - 12mm-thick toughened glass touch screen
  - Cashless machine

**The Express Vendor** is designed to minimize queues at ticket offices and recharges fare media via credit or debit card only.

## How it works

The user-friendly color touch screen guides patrons through simple menus to quickly make purchases. The Express Vendor can add value/products to paper, plastic or Triplex magnetic tickets. With Cubic's integrated multi-protocol card interface device, the Tri-Reader®, the Express Vendor can recharge ISO 14443 Type A and Type B full featured and limited use contactless smart cards. The Express Vendor securely communicates with the central system via Ethernet or ISDN to upload transactions and download configuration data, software updates and fare tables.

The small-scale vendor is the ideal fast payment solution for subway, commuter rail, light rail, and parking environments. By adding Express Vendors to busy stations, transport authorities can disperse their more costly coin/note ticket vending machines. The credit/debit only machine reduces fraud and saves costs associated with cash collection and processing.

This automated self-service express ticketing machine delivers high availability, improved customer satisfaction and operational efficiency.

# Express Vendor

## Specifications:

### Physical

Dimensions: Height 1092mm (43in), Width 525mm (21in), Depth 414mm (16.3in)

Weight: 85.5kg (190lbs)

Material: 1.9mm (.075in) thick stainless steel

Voltage: 115VAC, 50 Hz

Power Dissipation: 1000W typical (depending on heater configuration)

### Capacity

Processor: Celeron 600 MHz CPU

Operating System: Windows® XP Embedded

Memory: 128 MB SDRAM, (standard)

### External Interfaces

10 BaseT Ethernet with RJ-45 jack

### Environmental

Storage Temperature: -10°C to +60°C

Operating Temperature (with standard heater): -10°C to +50°C

Relative Humidity: 5% to 95% (non-condensing)

Vibration: Mil-Std-810D, Method 514.3, Category 8, 0.25g (RMS) all axes, 5 to 25 Hz, 0.5 octave/min

Shock: Mil-Std-810D, Procedure I, half-sine pulse, 5g peak (X and Y axes), 1g peak (Z axis), 10msec

Ingress Protection: IP 32

Immunity: EN61000-6-2

Emissions: EN61000-6-4

Flammability: N/A

### User Interfaces

Operator Interface: patron display, maintenance keyboard, locks and keys

Patron Interface: sunlight readable 10.4in color display with graphics capability, 640 x 480 pixels, 10 programmable soft keys with adjacent Braille lettering, PIN pad, touch screen option, audio instructions via a speaker

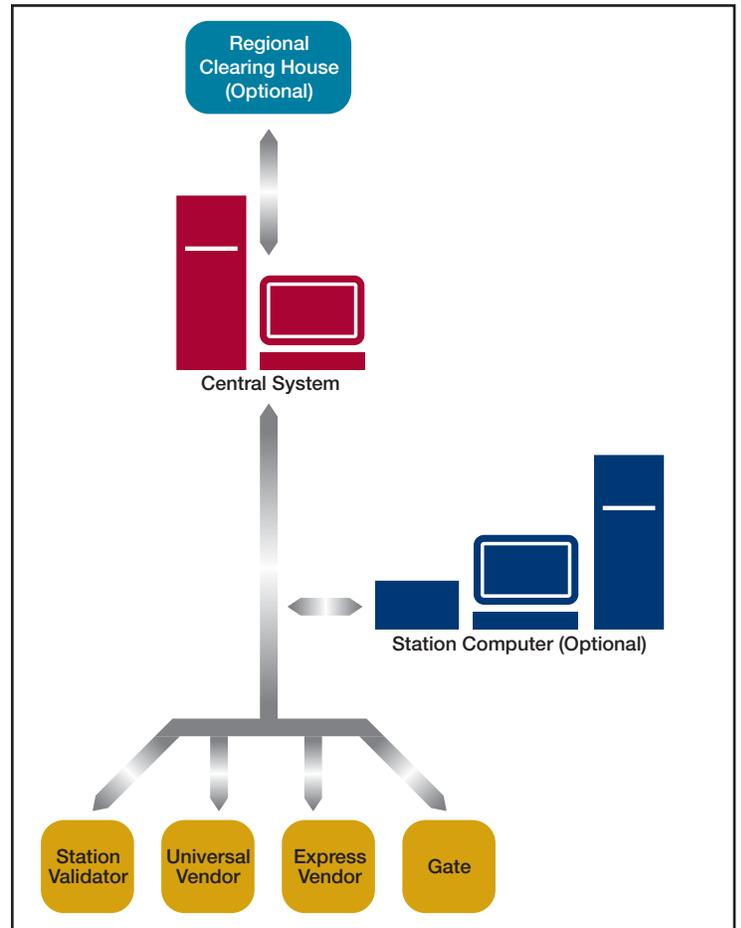
Media Issuance: thermally printed credit/debit and proof-of-payment receipts

Media Acceptance: credit or debit cards, ISO 14443 Type A and Type B full featured and limited use contactless smart cards

Tri-Reader® is a registered trademark of Cubic Transportation Systems, Inc.

Windows® is a registered trademark of Microsoft Corporation.

Pentium® is a registered trademark of Intel Corporation.



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*In the interests of product improvement Cubic reserves the right to change the above specification without notice.*