

Required Specifications for ATM Machines

Parameter	Specification
Model	NCR SE Cash Dispensing ATM
Dispensing Option	4 Cassettes (4 Lockable Cash Cassettes)

Hardware Specifications

Component	Description
Processor	Intel i5 (Comet Lake)
Memory (RAM)	Minimum 16 GB
Storage	Minimum 500 GB SSD / 1 TB HDD
Operating System	Windows 10 or above IoT Enterprise 21H2 LTSC
Security	CEN 1 Security with enhanced security harness cover
Mirrors	Consumer mirrors for surveillance
Camera	Cash camera for transaction monitoring

Cash / Dispenser Specifications

Component	Description
Dispensing Type	4 Cassettes (4 Lockable Cash Cassettes)
Dispenser Type	4 High S1 Dispenser
Anti-Cash Trapping	Equipped with Anti Cash Trapping Shutter
Purge Bin	Lockable Latch Fast Purge Bin with Lock

Security & Compliance Requirements

Feature	Specification
PIN Pad	Encrypting PIN Pad with PIN Shield
Lock	Dual User Programming Lock
Card Reader	Tamper Detecting Card Reader
Skimming Protection	Skimming Protection Solution (Dip Type)
Biometric Authentication	Fingerprint Detection Support
Data Protection	Hard Disk Encryption and TLS Encrypted Communication
Certification	BIS Certified
Physical Protection	Physical Dispense Protection
Software Lock Control	Digital One-Time Combination (OTC) Lock Control
Software Licenses	Includes essential software subscriptions (APTRA Advance NDC, Biometrics, Endpoint Security, XFS Runtime)

Other Terms and Conditions

Parameter	Details
Warranty	12 months from installation / 15 months from delivery
AMC (Annual Maintenance Contract)	Applicable from 2nd year onwards
Delivery Time	Within 6 weeks from Purchase Order (PO)
Installation & Maintenance	Support and service to be provided directly by OEM (NCR)