

# NX20

## Online Fingerprint Time Attendance Terminal

3,000 fingerprints, TCP/IP — real-time HR integration — 32-bit DSP, WG26/34, free software & SDK included



The Nexakey NX20 is a professional online fingerprint time attendance terminal powered by a 32-bit DSP processor with advanced biometric algorithms for fast, accurate identification. Supporting up to 3,000 fingerprint templates and 200,000 transaction records, it is suitable for small to mid-sized enterprises requiring reliable employee attendance management. The 2.8-inch TFT LCD displays employee name and fingerprint image during verification. TCP/IP, RS485, USB, and Wiegand 26/34 interfaces enable flexible integration with existing access control and HR systems. Free software and SDK are included for seamless deployment.

### KEY FEATURES

- ✓ **32-bit DSP Processor** — advanced biometric algorithm delivers fast, stable fingerprint matching with industry-leading accuracy
- ✓ **3,000 Fingerprint Capacity** — stores up to 3,000 fingerprint templates — sufficient for SME-level workforce management
- ✓ **200,000 Record Capacity** — large on-device transaction log retains months of attendance history without data loss
- ✓ **2.8-inch TFT LCD Display** — high-resolution color screen shows employee name and live fingerprint image during verification
- ✓ **TCP/IP High-Speed Communication** — network connectivity enables real-time data sync with HR and access control software
- ✓ **Free Software & SDK** — complete attendance management software and developer SDK included at no extra cost

### APPLICATIONS

- Corporate Offices & Commercial Buildings
- Manufacturing Plants & Factories
- Schools & Educational Institutions
- Healthcare Facilities & Hospitals
- Retail Chains & Shopping Centers
- Government & Public Institutions

### TECHNICAL SPECIFICATIONS

<b>Model</b>	NX20	<b>Type</b>	Online Fingerprint Time Attendance
<b>Processor</b>	32-bit DSP CPU	<b>Display</b>	2.8-inch TFT LCD Color Screen
<b>Fingerprint Capacity</b>	3,000 Templates	<b>Record Capacity</b>	200,000 Transactions
<b>Verification Modes</b>	Fingerprint / PIN / ID Card (Optional)	<b>False Acceptance Rate</b>	< 0.0001%
<b>Identification Speed</b>	< 1 Second	<b>Communication</b>	TCP/IP, RS485, USB, U-Disk
<b>Wiegand</b>	WG26 / WG34 Input & Output	<b>USB Interface</b>	High-Speed USB (10× Standard Speed)
<b>Lock Control</b>	Yes — Delay Configurable	<b>Optional</b>	Battery Backup, ID / Mifare Card
<b>Certifications</b>	CE, FCC, RoHS	<b>Warranty</b>	24 Months

CERTIFICATIONS



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