

JMDD40 & JMDS65 vs Tier-1 Touch Terminals

Same **Zebra SE scan engines** found in Tier-1 flagships. Modern Android 14/15 with a 5-year upgrade path, full **4G/5G, four-constellation GNSS and NFC** as standard, plus IP67 ruggedness — at roughly **1/3–1/2 the Tier-1 price**, with low-MOQ white-label options.

1/3–1/2 TIER-1 PRICE	6 GB RAM STANDARD	18 MAX ANDROID UPGRADE	4G/5G + GNSS + NFC
IP67 RUGGED INGRESS	1.8 m DROP (D40)	White Label LOW MOQ PILOT	S65Ex EX IB VARIANT

PRODUCT OVERVIEW

Touch terminals are the workhorse of retail floors, warehouses and field crews. Yet many Tier-1 entry and mid-tier lineups force a compromise: **older Android builds still in the channel, Wi-Fi-only variants with no GNSS**, and NFC missing from entry SKUs. Fleet buyers either over-pay for the flagship tier or accept connectivity gaps.

The JMDD40 and JMDS65 eliminate that compromise. Both use the **same Zebra SE scan engines** as Tier-1 flagships, ship with **4G or 5G, four-constellation GNSS and NFC**, and run Android 14/15 upgradable to Android 18 — while undercutting Tier-1 pricing by roughly half.

Android 1–4 generations ahead JMDD40 ships Android 15 (upgradable to 18); JMDS65 ships Android 14 (upgradable to 18). Many Tier-1 entry and mid-tier terminals still run Android 8–11, and several flagship models cap at Android 16. Longer lifecycle, stronger security.	Cellular & GNSS, not stripped out D40 includes 4G LTE; S65 includes 5G. Both add four-constellation GNSS and NFC as standard. Many Tier-1 mid-tier models are Wi-Fi-only with no GNSS — a non-starter for outdoor or mobile workforces.
Same Zebra SE scan engines Zebra SE4710, SE4720, SE4770, SE4750, SE55 and CM60 options. Identical decode silicon to Tier-1 flagships means zero re-validation when migrating existing fleets.	Rugged by default — IP67 + 1.5–1.8 m drops JMDD40 survives 1.8 m drops; JMDS65 survives 1.5 m drops. Both are IP67. Entry Tier-1 terminals are commonly IP65; matching IP67/IP68 usually means stepping up a price tier.
Exclusive niche: S65Ex Ex ib variant JMDS65Ex is intrinsically safe (Ex ib IIC T4 Gb / Ex ib IIIC T130°C Db, CCRI certified). Few Tier-1 touch-terminal lineups offer an intrinsically safe model — a low-competition door into oil, gas and chemical workflows.	~1/3–1/2 the price, with margin to spare At similar RAM, connectivity and scan-engine tiers, JMD lands well below Tier-1 pricing. Distributors protect margin while end-users modernize fleets they otherwise could not afford.

USE APPLICATIONS

Retail	Warehouse	Field Service	Hazardous Sites
---------------	------------------	----------------------	------------------------

Price checks, inventory, click-and-collect, mobile POS, loyalty scanning.	Receiving, put-away, picking, packing, cycle counts, cross-docking.	Route delivery, proof-of-delivery, asset tracking, ticket management.	S65Ex for oil & gas, chemical plants, pharma manufacturing where intrinsically safe equipment is required.
---	---	---	--

HEAD-TO-HEAD — SPEC SNAPSHOT

JMDD40 and JMDS65 are positioned in the Tier-1 touch-terminal class — from aging entry devices to premium flagships. The advantage is the combination of modern Android, full connectivity, shared Zebra scan engines and rugged design at a lower total cost.

SPEC	JMDD40	JMDS65	TYPICAL TIER-1 TOUCH TERMINALS
PLATFORM & SOFTWARE			
Android	15 → 18 ▲	14 → 18 ▲	8.1–16 by tier
CPU	2xA75 @ 2.0 + 6xA55 @ 1.8 GHz	2xA76 @ 2.2 + 6xA55 @ 2.0 GHz	Varies by model and tier
RAM / ROM	6/64 std · 8/128 premium	6/64 std · 8/128 premium	2–8/16–128 by tier
CONNECTIVITY			
Cellular	4G LTE ▲	5G ▲	Wi-Fi-only on many models; 5G at flagship tier
GNSS	GPS+GLONASS+BeiDou+Galileo+AGPS ▲	GPS+GLONASS+BeiDou+Galileo+AGPS ▲	Missing or basic on many models
NFC	Standard ✓	Standard ✓	Optional on many models
Wi-Fi	Wi-Fi 5	Wi-Fi 5	Wi-Fi 5–6E by tier
RUGGEDNESS & POWER			
Ingress	IP67	IP67	IP65–IP68 by tier
Drop	1.8 m	1.5 m	1.2–1.5 m typical
Battery	5,000 mAh	5,050 mAh	~3,000–4,700 mAh typical
DATA CAPTURE & COMMERCIAL			
Scan engine	SE4710/SE4720/SE4770/SE4750/SE55/CM60	SE4710/SE4720/SE4770/SE4750/SE55/CM60	Varies; SE family common at flagship tier
Camera	8 MP (Premium 13 MP)	13 MP	5–16 MP by tier

White-label / OEM	Yes, low MOQ ▲	Yes, low MOQ ▲	Not typical
Target price vs Tier-1	~1/3–1/2 ▲	~1/3–1/2 ▲	1×

▲ = JMD advantage. The competitor column reflects typical Tier-1 touch-terminal specifications; individual models vary. Scanner engines are shared Zebra hardware — decode performance is identical, so migration requires no re-validation.

PRODUCT LINE — PICK THE RIGHT JMD

Two touch-terminal form factors share the same Zebra SE engine family and rugged DNA.

POCKET TOUCH TERMINAL JMDD40 › 4" WVGA · 245 g · Android 15 → 18 › Zebra SE4710 / SE4720 / SE4770 / SE4750 / SE55 / CM60 › 4G LTE, four-constellation GNSS, NFC › IP67, 1.8 m drop › 5,000 mAh, dual SIM, 26-key keypad ----- Retail, field service, delivery, light logistics	LARGE-SCREEN TOUCH TERMINAL JMDS65 › 6.5" HD+ · 285 g · Android 14 → 18 › Zebra SE4710 / SE4720 / SE4770 / SE4750 / SE55 / CM60 › 5G + 4G, four-constellation GNSS, NFC › IP67, 1.5 m drop › 5,050 mAh removable; JMDS65Ex intrinsically safe ----- Inventory, retail floor, warehouse, hazardous sites
--	---

FAQ — QUESTIONS PROCUREMENT TEAMS ASK

- Q. Is the scan performance really the same as Tier-1 devices?**
A. Yes. JMDD40 and JMDS65 use the same Zebra SE4710, SE4720, SE4770, SE4750, SE55 and CM60 scan engines found in Tier-1 flagships. Decode speed, damaged-code recovery and scan range are identical, so there is no re-validation risk.
- Q. Which JMD model replaces an older Tier-1 entry terminal?**
A. For light field/retail work, the JMDD40 is the closest match with physical keys, 4G and IP67. For larger-screen inventory tasks, the JMDS65 matches the flagship-class form factor with 5G and a 6.5" display.
- Q. Can I get 5G in a terminal this compact?**
A. Yes. JMDS65 delivers 5G, NFC and four-constellation GNSS in a 285 g, 6.5" form factor — while many comparable Tier-1 models are Wi-Fi-only and 5G units sit at flagship price points.
- Q. Do you support white-label or OEM branding?**
A. Yes. Low-MOQ pilot orders, custom boot logo, packaging and SKU customization are available. This lets distributors and VARs build a branded line without conflicting with existing Tier-1 inventory.
- Q. Is an intrinsically safe version available?**
A. Yes. JMDS65Ex is intrinsically safe (Ex ib IIC T4 Gb, CCRI certified) for hazardous-area workflows. Few Tier-1 touch-terminal lines offer a directly comparable model.

Request a Quote or Pilot Unit

Tell us your project scale, target product and region. We typically reply within one business day with channel pricing, MOQ and lead-time — including white-label / OEM options and regional certification guidance.

support@jnxrfid.com
www.jnxrfid.com