LAPTOP SPECIFICATION MANUAL

Standardized Field Specification & Data Collection Sheet

> **PURPOSE & USAGE GUIDE:** This document converts whiteboard laptop specification requirements into a structured, standardized Microsoft Word (.docx) template. Use Sections 1–6 for detailed field references & standard value options, Section 7 as a printable single-unit inspection checklist, and Section 6 for multi-device inventory tracking.

1. General & System Identification

Basic unit identification metrics and physical specifications

Field Name	Standard Options / Description / Notes
RELEASE DATE :	**7 MARCH 2025**
MANUFACUTRING DATE :	**6 SEPTEMBER 2025**
MODEL NUMBER :	**83KT001YUS**
PART NUMBER :	**NIL**
PROCESSOR CODE :	**RYZEN AI 7 350 W/ RADEON 860M 5.0GHZ**
GPU CODE :	**AMD RADEON 860 / NPU INTEL AI BOOST**
COUNTRY ORIGIN :	**USA**
WEIGHT :	**1.60KG**
KEYBOARD BACKLIT :	**YES**
BODY TYPE / BUILD :	**ALUMINUM ALLOY + PC ABS BOTTOM**

2. Display Specifications Branch

Screen properties, panel technologies, resolution, and color standards

Field Name	Standard Options / Description / Notes
SCREEN SIZE :	14.0 INCHES
TOUCH OR NON :	TOUCH N FLIP
PANEL TECHNOLOGY :	IPS (IN-PLANE SWITCHING)
SCREEN FINISH :	GLOSSY (ANTI-FINGERPRINT COATING)
RESOLUTION :	1920X1200 (WUXGA)
REFRESH RATE :	60.HZ
BRIGHTNESS/NITS :	300 NITS
SRGB COVERAGE :	68.30%
ADOBE RGB COVERAGE :	50.63%
DCI-P3 COVERAGE :	50.35%
NTSC COVERAGE :	48.37%
BT.2020 COVERAGE :	36.12%
ROTATION ANGLE :	360° DEGREES
HDR SUPPORT :	NOT SUPPORTED
ASPECT RATIO :	16:10
CONTRAST RATIO :	1000:1

3. Storage & Memory (RAM / SSD) Branch

Internal memory speed, generation, slot counts, and upgrade capacity

Field Name	Standard Options / Description / Notes
RAM FORM :	ROW OF CHIPS
RAM GEN :	DDR5
RAM SPEED :	7500MHZ
RAM SLOT :	ONBOARD
RAM MAX SUPPORT :	16GB
SSD GEN :	GEN 4
SSD W/R SPEED :	R = 6921MB W = 6748MB
SSD TECHNOLOGY :	NVME M.2
SSD SIZE :	2242
SSD SLOTS :	1 SLOT
SSD MAX SUPPORT :	1TB

4. Power & Battery Branch

Power adapter wattage, battery capacity, cell count, and chemistry type

Field Name	Standard Options / Description / Notes
BATTERY CHEMISTRY :	**LITHIUM-POLYMER BATTERY (LIP)**
BATTERY CAPACITY :	**57,000MWH**
BATTERY CELL :	**3-CELL**
BATTERY HEALTH :	**95 TO 100%**
DC INPUT VOLTAGE :	**20V=3.25A**
CHARGING PORT :	**TYPE-C**
CHARGER WATT :	**65W (RAPID CHARGE BOOST)**

5. Connectivity & Ports Branch

Wireless standards, cellular support, NFC, SD card, and physical ports

Field Name	Standard Options / Description / Notes
TYPE C PORTS :	**2 X USB 3.2 GEN 2**
TYPE A PORTS :	**2 X 3.2 GEN 1**
HDMI :	**1 X HDMI 1.4B**
LAN PORT :	**NIL**
WIFI CARD :	**REALTEK WI-FI 7 PCI-E NIC**
SIM CARD :	**NIL**
SD CARD :	**MICRO SD CARD READER**
NFC MODULE :	**NIL**
BLUETOOTH :	**BLUETOOTH 5.3**

6. Security, Camera & Audio Branch

Biometrics, camera resolution, and audio output capabilities

Field Name	Standard Options / Description / Notes
CAMERA PIXEL :	**2.1MP**
VIDEO RESOLUTION :	**1080P 16:9 30FPS**
FACE RECOGNITION :	**YES**
FINGERPRINT :	**NIL**