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 :	**MAY 2025**
MANUFACUTRING DATE :	**20-MARCH-2026**
MODEL NUMBER :	**21R2S3FQ16**
PART NUMBER :	**N/A**
PROCESSOR CODE :	**CORE(TM) ULTRA 7 265U 5.3GHz**
GPU CODE :	**INTEL(R) GRAPHIC / NPU INTEL AI BOOST**
COUNTRY ORIGIN :	**THAILAND**
WEIGHT :	**1.23KG**
KEYBOARD BACKLIT :	**YES**
BODY TYPE / BUILD :	**CARBON FIBER HYBRID/ ALUMINUM**

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
PANEL TECHNOLOGY :	IPS (IN-PLANE SWITCHING)
SCREEN FINISH :	ANTI-GLARE (MATTE)
RESOLUTION :	1920X1200 (WUXGA)
REFRESH RATE :	60HZ
BRIGHTNESS/NITS :	500 NITS
SRGB COVERAGE :	100%
ADOBE RGB COVERAGE :	74.03%
DCI-P3 COVERAGE :	73.61%
NTSC COVERAGE :	70.73%
BT.2020 COVERAGE :	52.81%
ROTATION ANGLE :	180 DEGREES
HDR SUPPORT :	NOT SUPPORTED
ASPECT RATIO :	16:10
CONTRAST RATIO :	800:1

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 :	7467MHZ
RAM SLOT :	ONBOARD
RAM MAX SUPPORT :	32GB
SSD GEN :	GEN 4
SSD W/R SPEED :	R = 6979MB W = 5753MB
SSD TECHNOLOGY :	NVME M.2
SSD SIZE :	2280
SSD SLOTS :	1 SLOT
SSD MAX SUPPORT :	2TB

4. Power & Battery Branch

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

Field Name	Standard Options / Description / Notes
BATTERY CHEMISTRY :	**LITHIUM-ION POLYMER BATTERY (LIP)**
BATTERY CAPACITY :	**58,000MWH**
BATTERY CELL :	**3-CELL**
BATTERY HEALTH :	**95 TO 100%**
DC INPUT VOLTAGE :	**20V=3.25A**
CHARGING PORT :	**USB-C (Thunderbolt 4)**
CHARGER WATT :	**65W**

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 THUNDERBOLT 4**
TYPE A PORTS :	**2 X USB 3.2 GEN 1**
HDMI :	**1 X HDMI 2.1**
LAN PORT :	**NIL**
WIFI CARD :	**WI-FI 7BE201 320MHZ**
SIM CARD :	**NANO SIM CARD SLOT 4G/5G**
SD CARD :	**NIL**
NFC MODULE :	**NIL**
BLUETOOTH :	**BLUETOOTH 5.4**

6. Security, Camera & Audio Branch

Biometrics, camera resolution, and audio output capabilities

Field Name	Standard Options / Description / Notes
CAMERA PIXEL :	**3.7MP**
VIDEO RESOLUTION :	**1080P 16:9 60FPS**
FACE RECOGNITION :	**YES**
FINGERPRINT :	**NIL**