Product Specification Sheet

15.6" COMMERCIAL LAPTOP • GENTLE GREY EDITION

Model SKU: 1A_Chiclet
Part 1: Performance, Display & Connectivity

PROCESSOR	DISPLAY	MEMORY & STORAGE	CHASSIS FORM
Intel® i3-1315U	**15.6" FHD (1080p)**	**8GB / 256GB SSD**	**1.64 kg (3.62 lbs)**
6 Cores / 8 Threads, up to 4.5 GHz	300 nits, Anti-glare, 87% STBR	DDR5 (Up to 64GB) + PCIe 4.0	19.9 mm Slim Profile

1. COMPUTING PLATFORM & SYSTEM ARCHITECTURE

Processor	**Intel® Core™ i3-1315U Processor** (1.2 GHz base, 10MB Intel® Smart Cache, up to 4.5 GHz Max Turbo, 6 Cores: 2 Performance-cores + 4 Efficient-cores, 8 Threads)
Graphics	Integrated **Intel® UHD Graphics**
Operating System	**Windows 11 Home** (Single Language Edition) ASUS recommends Windows 11 Pro for business deployment.
Memory (RAM)	**8GB DDR5 SO-DIMM** Expandable configuration: 2x DDR5 SO-DIMM slots, Max system capacity supported up to **64GB DDR5**
Storage	**256GB M.2 2280 NVMe™ PCIe® 4.0 SSD**
Internal Expansion Slots	• 2x DDR5 SO-DIMM slots (includes occupied) • 1x M.2 2280 PCIe 4.0 x4 slot • 1x M.2 2230 PCIe 4.0 x4 slot

2. DISPLAY, AUDIO & INPUT SYSTEM

Display Panel	**15.6-inch Non-touch Screen**, FHD (1920 × 1080) native resolution, 16:9 aspect ratio. Wide viewing angles, Anti-glare coating, LED Backlit, **300 nits** brightness, NTSC: 45% color gamut, **87% Screen-to-body ratio**.
Keyboard & Touchpad	Full-size **Chiclet Keyboard with integrated Numeric Keypad (Num-key)**. Ergonomic **1.35mm key-travel**, Spill-resistant keyboard design, multi-touch precision Touchpad.
Camera & Privacy	**720p HD Video Camera** equipped with physical **Webcam Privacy Shutter**.
Audio & Voice	High-fidelity **Audio tuned by Dirac**, Built-in stereo speaker system, Built-in array microphone.

3. EXTERNAL INTERFACES & NETWORKING

I/O Ports	• **2x USB 3.2 Gen 1 Type-A** • **2x USB 3.2 Gen 2 Type-C** (supports DisplayPort display output and USB Power Delivery) • **1x HDMI™ 1.4** (supports video output up to 3840 × 2160p @ 30Hz) • **1x RJ45 Gigabit Ethernet port** (10/100/1000 Mbps) • **1x 3.5mm Combo Audio Jack** (headphone/microphone combo)
Wireless Connectivity	**Wi-Fi 6 (802.11ax) Dual band 2×2 + Bluetooth® 5.4** Wireless Card.

Standard Technical Disclaimer: Specifications, availability, and hardware options are subject to change without notice. Please check with your supplier for exact and regionally localized offerings.

Security, Durability & Environmental Standards

COMPREHENSIVE HARDWARE MANAGEMENT, POWER & COMPLIANCE

Gentle Grey (Color Code: 1A)
Part 2: Enterprise Security & Sustainability

4. ENTERPRISE-GRADE SECURITY & SYSTEM INTEGRITY

Hardware & Cryptography	• **TPM (Trusted Platform Module)**: Firmware TPM 2.0 cryptoprocessor support • **Microsoft Secured-core PC** compliance with Microsoft Security Level 2 • **Absolute Persistence 2.0 (Computrace)** asset tracking support
Firmware & BIOS Resilience	• Intel® Boot Guard & Intel® BIOS Guard • Intel® CSME (Converged Security and Management Engine) Firmware Resilience • nCSME BIOS Redundancy Assistance • BIOS Self-Recovery & BIOS Protection Support • BIOS Integrity Measurement Support
Access Control & Theft Prevention	• Hard Drive (HDD/SSD) User Password Protection and Security • Enhanced Password Strength enforcement • BIOS Setup User Password & BIOS Booting User Password Protection • Integrated **Kensington Nano Security Slot™ (6 × 2.5 mm)**

5. POWER ARCHITECTURE, BATTERY & DIMENSIONS

Battery System	**42WHrs, 3S1P, 3-cell Li-ion**, Long-life rechargeable lithium polymer battery pack.
AC Power Adapter	**TYPE-C 65W AC Adapter** (Included with power cord) • Output: 20V DC, 3.25A, 65W • Universal Input: 100~240V AC, 50/60Hz universal • Operational adapter range: **Min 55W to Max 65W**
Physical Dimensions	**35.95 × 23.22 × 1.99 ~ 1.99 cm** (14.15" × 9.14" × 0.78" ~ 0.78")
Weight & Chassis Finish	Weight starting from **1.64 kg (3.62 lbs)** with battery • Official Color: **Gentle Grey (1A)**

6. RUGGEDNESS & RELIABILITY STANDARDS

Military Grade Testing	Engineered to pass strict **US MIL-STD 810H Military-grade Standard** testing benchmarks, verifying resilience against shock, vibration, temperature extremes, humidity, and drop impacts.

7. SUSTAINABILITY, CERTIFICATIONS & PCR PLASTICS

Environmental Certifications	EPEAT Gold with Climate+ · Energy Star 9.0 · FSC Recycled · TCO Certified Gen 10 · RoHS Compliant · REACH Compliant
Post-Consumer Recycled (PCR)	**Overall Sustainable Material Content: 29% PCR Recycled Plastic** • **A Part (Top Cover):** 30% PCR recycled plastic (cover / inner frame) • **C Part (Keyboard Deck):** 30% PCR recycled plastic (cover / inner frame) • **D Part (Bottom Enclosure):** 30% PCR recycled plastic (cover / inner frame) • **Battery Enclosure:** 30% PCR recycled plastic enclosure

8. INTELLIGENT SOFTWARE & MANAGEMENT SUITE

Built-in Applications	• **AI ExpertMeet** (Smart AI meeting features available on systems configured with 12GB+ RAM) • **MyASUS Suite** & Link to MyASUS
MyASUS Features	System diagnosis • Battery health charging • Fan Profile adjustment • Splendid display tuning • Tru2Life video enhancement • Function key lock • AppDeals
MyExpert Features	N/A (Not configured for this SKU tier)