

TKL-701F – concept

Framework Laptop 13 (comprehensive modification and assembly required)			FW TKL-701F strengths:
Processor Processor speed	AMD Ryzen 5 7640U 4.9/3.5 GHz / 6 cores / 12 threads	AMD Ryzen 7 7840U 5.1/3.3 GHz / 8 cores / 16 threads	<ul style="list-style-type: none"> ➤ Mechanical tenkeyless, articulating “butterfly” keyboard ➤ Full sized 13.5” color IPS display ➤ Notebook size and weight ➤ Audio, webcam, telephony ➤ Trackpoint and modular, user-upgradeable internal components ➤ Open-source design
Memory cache	L1: 32 KB per core L2: 1024 KB per core L3: 16 MB total	The 701F has 4 expansion card slots using the USB-C interface	
Diskette Removable CD-ROM	External 3.5” 1.44 MB / USB External / USB		
Price (est. BoM USD) M.2 2280 SSD – size Preliminary available date	\$1699 User-configurable Q4 2025	\$1999 User-configurable	
Display – type Display – colors Display – technology Display – diagonal size	2K color / 2256 x 1504 16’777’216 simultaneous colors IPS 13.5 inch / 1500 to 1 contrast ratio		COMPONENTS REQUIRED <ul style="list-style-type: none"> - Framework Laptop 13 DIY Edition - 4x Expansion cards - NVME SSD - Compatible DDR5-5600 SODIMM - Palmrest & enclosure (3D ABS) - Bezel & hinge pieces (3D ABS) - Articulating mechanism (3D ABS) - Keyboard tray (3D ABS) - Extension spring - 92x Kailh Choc red key switches - 4x Kailh Choc white key switches - Kailh Choc keycaps (full set) - Keyboard PCBs - Keyboard supporting components - RP2040 Microcontroller - T440 separable TrackPoint module
Graphics – controller Graphics - vendor	Radeon 760M with shared mem. AMD	Radeon 780M with shared mem. AMD	
Memory – std / max Memory – type Memory – sockets Mem – options available	16 / 64 GB DDR5-5600 / non-ECC / 1.1 volt 2 sockets 8, 16, 32 GB SO-DIMMs		
Keyboard / # of keys Keyboard slope Mouse / pointing External keyboard support	Tenkeyless QMK mechanical with Kailh Choc switches / 96 key No Trackpoint on articulating keyboard Yes (USB)		
Dimensions Color Weight	296 x 229 x 38 mm (expands from 296 mm to 348 mm when open) Black 4.5 pounds		
Battery – type Battery – life Charge time – on / off	Li-ion 6 hours 1.5 hrs / battery charges even if unit is off		
Architecture Docking Station Port replicator USB ports Other features	PCI Express (PCIe) USB-C (requires compatible dock adapter) None (use USB-C dock adapter) Up to 4 (depending on expansion card configuration) UEFI / Wallmount AC adapter (65 watts) w/ 2 prongs / Selectable boot		
Functions Wireless modem Audio support	Wi-Fi, audio, webcam, telephony, custom open-source parts Intel Wi-Fi M.2 PCIe adapter (optional RJ-45 expansion card) On board audio chip / Internal speaker (with keyboard volume control) and internal microphone		
Audio in / out jacks Webcam	Combined input / microphone / output jack 1080p 60 FPS OmniVision OV2740 sensor / hardware privacy switch		
Security	Power-on password / user-configurable encryption		
Preinstalled software Warranty	Debian GNU / Linux (Demo unit) None beyond Framework OEM warranty		