

# niko

Framework 13 - AMD Ryzen 7840U DIY variant 96 EUs, 768 ALUs Depression level: 2/10

## Specs

| Component                     | Make and Model                             | Specifications and Capabilities  |
|-------------------------------|--|--|
| System, CPU                   | AMD Ryzen 8740U                            | x86_64   |
| System, Memory, Bank 0        | Crucial CT32G56C46S5.C16D                  | 32GB, SODIMM, DDR5-5600  |
| System, Memory, Bank 1        | Crucial CT32G56C46S5.C16D                  | 32GB, SODIMM, DDR5-5600  |
| System, Motherboard           | Framework FRANDECP06                       | 4xUSB-C USB4/TB4 ports, 1xTRRS 3.5mm audio jack  |
| System, Motherboard, Firmware | BIOS - Insyde UEFI                         | 0.0.3.18 rel. 26/01/27   |
| System, Motherboard, Security | Nuvoton TPM2.0                             |  |
| Power, Input                  | Framework FRANCEPH0G                       | AC 120-240V, DC 5-20V, 5A, 60W, USB-C PD   |
| Power, Battery                | Framework FRANGWA                          | 61Wh   |
| Host Bridge                   | Bridges & controllers tbc                  |  |
| Network, Wireless             | Intel AX210                                | 6GHz PHY - 802.11ax, 5GHz PHY - 802.11ax/ac/n, 2.4GHz PHY - 802.11a/b/g/n                                |
| Video, Controller             | AMD Radeon 780M                            |  |
| Video, Output, Screen         | BOE NJ NE135A1M-NY1 - Framework FRANJF0001 | eDP, 13.5", 2880x1920 @ 120Hz, Matte   |
| Video, Input, Camera          | Framework FRANCPA01                        | Realtek RTS5853 controller, OmniVision OV2740 sensor, 1920x1080@60, physical killswitch (USB disconnect) |
| Audio, Controller             | Intel Raptor Lake-P/U/H PCH - cAVS         |  |
| Audio, Codec                  | IDT 92HD95                                 |  |
| Audio, Output                 |  | Stereo speakers (L and R)  |
| Audio, Output                 |  | Headphone socket   |
| Audio, Input                  |  | 2x MEMS Microphone (physical killswitch)   |
| Common, Input                 | Framework FRANFT0001 Touchpad              | PixArt PCT3854QR Windows Precision touchpad  |
| Common, Input                 | Framework FRANBKEN02 UK English Keyboard   |  |
| Security, Input               | Framework FRANCB0003 Fingerprint Reader    | Uses internal USB, assumed Goodix GF5288   |
| Disk, NVMe                    | Western Digital WD_BLACK SN850x 1TB        |  |
| <b>Expansion cards</b>        |  |  |

| Component      | Make and Model                                 | Specifications and Capabilities                 |
|----------------|--|---|
| Bus, USB       | Framework FRACCCBZ01 USB-C Card                | Passthrough, USB4/TB4 port, 20V 5A USB-PD input |
| Bus, USB       | Framework FRACCABZ01 USB-A Card                | Supports USB3.2 Gen 2                           |
| Network, Wired | Realtek RTL8156 (Framework Ethernet Expansion) | 2.5GBase-T, 1000Base-T, 100Base-T, 10Base-T     |
| Storage, Input | Framework FRACCMBZ01 MicroSD Expansion Card    | Supports MicroSD UHS-I, UFS                     |
| Storage, Input | Framework FRACCFBZ02 250GB Expansion Card      | Phison U17 Controller, Micron N28 NAND          |

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