

LingLab Workstation (Technical) Descriptions

Right station ("MIT")

General details:

This workstation is aimed at providing support for research projects in various fields, such as multimodality, corpus linguistics, discourse and conversation analysis as well as interactional linguistics.

- Currently available corpora: TBA
- Currently available software: Praat, LancsBox, AntConc, EXMARaLDA, RStudio, Audacity, noScribe

Technical details of the hardware

- **Mouse and keypad: Lenovo Professional**
- **Display: Lenovo ThinkVision P32pz-30 Monitor**
- Display details:
 - o Product type: Desktop Monitor
 - o Viewable image size: 80,0cm (31.5")
 - o Physical resolution: 3840 x 2160 4K UHD
 - o Display measures: 16:9
 - o Contrast: 3.000.000:1
 - o Brightness: 650cd/m²
 - o Reaction time: 6ms
 - o Display: matt
 - o Background lighting: yes
 - o Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
 - o Additional input: DisplayPort-Out, RJ45, USB-Hub
 - o Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
 - o Horizontal rotation: yes
 - o VES-Montage standard: 100x 100mm
- **Computer: Lenovo ThinkPad P1 G7**
- Computer details:
 - o Product type: mobile workstation
 - o Display size: 40,6cm (16,0")
 - o AntiGlare 500N 5MP RGB IR Camera
 - o Physical resolution: 2560 x 1600 WQXGA
 - o Processor family: Inter Core Ultra 9
 - o Processor model: Intel Core Ultra 9 185H, 2,3GHz
 - o Memory: 64GB
 - o Operating System: Windows 11 Home 64-Bit
 - o Graphics card: 8GB NVIDIA RTX 2000 Ada
 - o SSD: 2TB M.2 2280 G4p TLC OPAL SLO
 - o Integrated webcam: 5 Megapixel, Infrared camera
 - o Backlit keyboard with finger reader

- o Ports and slots: SD Express 7.0, Card reader slot, USB-A (USB 5 Gbit/s, Always on), USB-C® (USB 10 Gbit/s), Kensington Nano Security Slot™, power connection, 2x USB-C® (Thunderbolt™ 4, USB 40 Gbit/s) with power delivery & DisplayPort™ 2.1, HDMI® 2.1 (supports resolutions up to 8K at 60 Hz or 4K at 240 Hz), headphone/microphone combo jack

Left station ("Cambridge")

General details:

This workstation is aimed at providing support for research projects in various fields, such as multimodality, corpus linguistics, discourse and conversation analysis as well as interactional linguistics.

- Currently available corpora: TBA
- Currently available software: Praat, LancsBox, AntConc, EXMARaLDA, RStudio, Audacity, noScribe

Technical details of the hardware

- **Mouse and keypad: Lenovo Professional**
- **Display: Lenovo ThinkVision P32pz-30 Monitor**
- Display details:
 - o Product type: Desktop Monitor
 - o Viewable image size: 80,0cm (31.5")
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 - o Display measures: 16:9
 - o Contrast: 3.000.000:1
 - o Brightness: 650cd/m²
 - o Reaction time: 6ms
 - o Display: matt
 - o Background lighting: yes
 - o Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
 - o Additional input: DisplayPort-Out, RJ45, USB-Hub
 - o Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
 - o Horizontal rotation: yes
 - o VES-Montage standard: 100x 100mm
- **Computer: Lenovo ThinkPad P1 G7**
- Computer details:
 - o Product type: mobile workstation
 - o Display size: 40,6cm (16,0")
 - o AntiGlare 500N 5MP RGB IR Camera
 - o Physical resolution: 2560 x 1600 WQXGA
 - o Processor family: Intel Core Ultra 9
 - o Processor model: Intel Core Ultra 9 185H, 2,3GHz
 - o Memory: 64GB
 - o Operating System: Windows 11 Home 64-Bit

- o Graphics card: 8GB NVIDIA RTX 2000 Ada
- o SSD: 2TB M.2 2280 G4p TLC OPAL SLO
- o Integrated webcam: 5 Megapixel, Infrared camera
- o Backlit keyboard with finger reader
- o Ports and slots: SD Express 7.0, Card reader slot, USB-A (USB 5 Gbit/s, Always on), USB-C® (USB 10 Gbit/s), Kensington Nano Security Slot™, power connection, 2x USB-C® (Thunderbolt™ 4, USB 40 Gbit/s) with power delivery & DisplayPort™ 2.1, HDMI® 2.1 (supports resolutions up to 8K at 60 Hz or 4K at 240 Hz), headphone/microphone combo jack

Tower station ("Stanford")

General details:

This workstation is aimed at research projects in multimodality, corpus linguistics, discourse and conversation analysis, interactional linguistics. It has a special focus on working with video-based data with the powerful Dell Precision Tower.

- Currently available corpora: TBA
- Currently available software: Praat, LancsBox, AntConc, EXMARaLDA, RStudio, Audacity, noScribe

Technical details of the hardware

- **Mouse and keypad: Lenovo Professional**
- **Display: Lenovo ThinkVision P32pz-30 Monitor**
- Display details:
 - o Product type: Desktop Monitor
 - o Viewable image size: 80,0cm (31.5")
 - o Physical resolution: 3840 x 2160 4K UHD
 - o Display measures: 16:9
 - o Contrast: 3.000.000:1
 - o Brightness: 650cd/m²
 - o Reaction time: 6ms
 - o Display: matt
 - o Background lighting: yes
 - o Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
 - o Additional input: DisplayPort-Out, RJ45, USB-Hub
 - o Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
 - o Horizontal rotation: yes
 - o VES-Montage standard: 100x 100mm
- **Computer: DELL Precision 3680 Tower**
- Computer details:
 - o Processor: Intel® Core™ Ultra 7 265 vPro® (13 TOPS NPU, 20 Cores, up to 5.3GHz)
 - o Operating System: Windows 11 Pro
 - o Operating System Language Pack: English, Dutch, French, German, Italian
 - o Memory: 64 GB: 4 x 16 GB, DDR5, up to 4.800 MT/s, non-ECC, Dual-Channel

- o Storage: 512 GB, SSD TLC
- o Additional storage: 1TB, SSD TLC
- o Graphics card: NVIDIA® GeForce RTX™ 4060, 8GB GDDR6, full height, 3DP, 1HDM1
- o No additional hard drive
- o No Caddy
- o No RAID
- o Speakers: No internal speaker
- o Optical Drive: No optical drive
- o Wireless: No Wireless LAN Card
- o Network Adapters (NIC): No Additional Network Card (Integrated NIC included)
- o Power cord: System Power Cord C13
- o Documentation: English, French, German, Italian, Dutch Shipping Docs
- o Placemat: Quick Start Guide
- o Serial Port Adapter: No PCIe add-in-card
- o System Monitoring Options: System Monitoring not selected in this configuration
- o Optional Port Modules: Optional Thunderbolt 4 & USB 3.2 Gen 2 Type-C Port
- o Add-in card: No Additional Add In Cards
- o Additional Add-In Card: No Additional Add In Cards
- o Media Reader: No Media Card Reader
- o Chassis Options: Dell Pro Tower Plus QBT1250 with Core Ultra CPU 360W Network EMFP

The following resources are currently being acquired: EasyPronunciation, Estill Voiceprint, Jupyter Notebook under Python 3, Docker Desktop, Tortoise Git, SSH-Client

If you have suggestions for additional software or corpora, please contact:

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