

## LingLab Workstation (Technical) Descriptions

### Right station ("MI" T)

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:
  - Product type: Desktop Monitor
  - Viewable image size: 80,0cm (31.5")
  - Physical resolution: 3840 x 2160 4K UHD
  - Display measures: 16:9
  - Contrast: 3.000.000:1
  - Brightness: 650cd/m<sup>2</sup>
  - Reaction time: 6ms
  - Display: matt
  - Background lighting: yes
  - Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
  - Additional input: DisplayPort-Out, RJ45, USB-Hub
  - Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
  - Horizontal rotation: yes
  - VES-Montage standard: 100x 100mm
- **Computer: Lenovo ThinkPad P1 G7**
- Computer details:
  - Product type: mobile workstation
  - Display size: 40,6cm (16,0")
  - AntiGlare 500N 5MP RGB IR Camera
  - Physical resolution: 2560 x 1600 WQXGA
  - Processor family: Inter Core Ultra 9
  - Processor model: Intel Core Ultra 9 185H, 2,3GHz
  - Memory: 64GB
  - Operating System: Windows 11 Home 64-Bit
  - Graphics card: 8GB NVIDIA RTX 2000 Ada
  - SSD: 2TB M.2 2280 G4p TLC OPAL SL0
  - Integrated webcam: 5 Megapixel, Infrared camera
  - Backlit keyboard with finger reader
  - 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 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:
  - Product type: Desktop Monitor
  - Viewable image size: 80,0cm (31.5”)
  - Physical resolution: 3840 x 2160 4K UHD
  - Display measures: 16:9
  - Contrast: 3.000.000:1
  - Brightness: 650cd/m<sup>2</sup>
  - Reaction time: 6ms
  - Display: matt
  - Background lighting: yes
  - Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
  - Additional input: DisplayPort-Out, RJ45, USB-Hub
  - Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
  - Horizontal rotation: yes
  - VES-Montage standard: 100x 100mm
- **Computer: Lenovo ThinkPad P1 G7**
- Computer details:
  - Product type: mobile workstation
  - Display size: 40,6cm (16,0”)
  - AntiGlare 500N 5MP RGB IR Camera
  - Physical resolution: 2560 x 1600 WQXGA
  - Processor family: Inter Core Ultra 9
  - Processor model: Intel Core Ultra 9 185H, 2,3GHz
  - Memory: 64GB
  - Operating System: Windows 11 Home 64-Bit
  - Graphics card: 8GB NVIDIA RTX 2000 Ada
  - SSD: 2TB M.2 2280 G4p TLC OPAL SL0
  - Integrated webcam: 5 Megapixel, Infrared camera
  - Backlit keyboard with finger reader

- 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:
  - Product type: Desktop Monitor
  - Viewable image size: 80,0cm (31.5”)
  - Physical resolution: 3840 x 2160 4K UHD
  - Display measures: 16:9
  - Contrast: 3.000.000:1
  - Brightness: 650cd/m<sup>2</sup>
  - Reaction time: 6ms
  - Display: matt
  - Background lighting: yes
  - Signal input: 1x DisplayPort (digital), 1x Thunderbolt 4, 2x HDNI (digital)
  - Additional input: DisplayPort-Out, RJ45, USB-Hub
  - Functions: Blue light filter, Daisy-Chain, Flicker-Free technology, KVM-Switch, Picture-by-Picture (PbP), Picture-in-Picture (PiP)
  - Horizontal rotation: yes
  - VES-Montage standard: 100x 100mm
- **Computer: DELL Precision 3680 Tower**
- Computer details:
  - Processor: Intel® Core™ Ultra 7 265 vPro® (13 TOPS NPU, 20 Cores, up to 5.3GHz)
  - Operating System: Windows 11 Pro
  - Operating System Language Pack: English, Dutch, French, German, Italian
  - Memory: 64 GB: 4 x 16 GB, DDR5, up to 4.800 MT/s, non-ECC, Dual-Channel
  - Storage: 512 GB, SSD TLC
  - Additional storage: 1TB, SSD TLC
  - Graphics card: NVIDIA® GeForce RTX™ 4060, 8GB GDDR6, full height, 3DP, 1HDM1
  - No additional hard drive
  - No Caddy

- No RAID
- Speakers: No internal speaker
- Optical Drive: No optical drive
- Wireless: No Wireless LAN Card
- Network Adapters (NIC): No Additional Network Card (Integrated NIC included)
- Power cord: System Power Cord C13
- Documentation: English, French, German, Italian, Dutch Shipping Docs
- Placemat: Quick Start Guide
- Serial Port Adapter: No PCIe add-in-card
- System Monitoring Options: System Monitoring not selected in this configuration
- Optional Port Modules: Optional Thunderbolt 4 & USB 3.2 Gen 2 Type-C Port
- Add-in card: No Additional Add In Cards
- Additional Add-In Card: No Additional Add In Cards
- Media Reader: No Media Card Reader
- 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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