



9th International
Abilympics
Bordeaux 2016

Vocational Skills Contest

V19 Computer Assembly

1. Task Assignment

This task consists in the completion of 2 modules.

- Module n°1: Assembly

Contestants will assemble a computer with the provided pieces according to the thermal and mechanical requirements and the electromagnetic disturbance.



- Module n°2 : Configuration

Contestants will :

- Configure the BIOS
- Install the drivers
- Install the operating system which will be specified the day of contest
- Configure the network interface card to connect to the printer and to the provided server.

2. Allocated time:

4 hours of competition.

- Module n°1: 1 hour and 30 minutes.
- Module n°2: 2 hours and 30 minutes.

3. Requirements:

- All computers will be provided with an AZERTY keyboard. However, before the beginning of the contest, the contestants will be able to install their own keyboard.
- At the beginning of each task, the jury will collect all communication devices (cell phone, connected watch, digital tablet...) which will be restituted at the end of each task.
- Any contestant caught cheating, talking to someone from the public or using a communication device will suffer a penalty of 5 points for the first transgression. A second transgression will lead to an exclusion from the contest.
- Requests for replacement due to defective products or missing parts will be accepted prior to the contest. Once the contest has started, no part replacement requests will be accepted.
- Contestants who damage any pieces or make any part unusable should notify the jury. Each piece replacement will cause points to be deducted from the final score.
- Contestants must respect safety requirements. Any incident will be immediately notified.
- Contestants will notify the jury upon finishing the task.

4. Procedure:




Day -1 (March 24th): On the day before the competition, contestants will be welcomed by the members of the jury. A briefing about the organization of the competition and the safety rules will be arranged. Due to the large number of registered contestants, the competition will be organized in two groups. Contestants from a same delegation will inevitably be placed in the same group. Each contestant will receive a schedule with the detailed working hours. Contestants will draw lots to be assigned to a work station, where they may drop off their tools.

Day 1 (March 25th): Group n°1 will have 4 hours to complete modules n°1 and 2.

Day 2 (March 26th): Group n°2 will have 4 hours to complete modules n°1 and 2.

5. List of the provided equipment

N°	Material	Picture	Specifications	Qty per contestant	Total Qty
1	Case		Mini case ITX	1	22
2	Motherboard			1	22
3	Processor			1	22
4	RAM			2	44
5	Graphics card			1	22
6	DVD player			1	22
7	Hard Disk SSHD			1	22
8	Hard Disk			1	22
9	Power supply			1	22

10	Keyboard			1	22
11	Optical mouse			1	22
12	Screen			1	22



6. List of tools to be brought for each contestant:

N°	Tool	Specifications	Qty	Note
1	Native country keyboard		1	
2	Screwdrivers		1 set	
3	Multimeter		1	

7. List of facilities installed at contest site:

N°	Equipment	Specifications	Qty
1	Printer	Network printer	1
2	Server		1
3	Jury's laptop		4
4	Antistatic carpet		
5	Protective gloves		



8. Evaluation Criteria

Task	Criteria	Scoring Scale
Assembly	External case	15
	Internal case	40
	Cleaning and tidying	5
Configuration	Configuration of BIOS	8
	Installation of the Operating System	5
	Installation of the drivers	10
	Configuration of the screen	5
	Configuration of the Network Interface card	10
	Cleaning and tidying	2
	TOTAL	100