

Laptop		
Laptop	Type	Mobile Workstation
CPU	Generation	The last one appeared at the launch date of the tender
	Processor Base Frequency	min. 2.9 GHz
	# of Cores	min. 4
	# of Threads	min. 8
	Intel vPro Technology	Mandatory
	Cache	min. 4 MB SmartCache
Display	Display size	min. 15.6"
	Native resolution	1920x1080
	LCD Features	IPS, Anti-Glare, 300 nits
Memory	Capacity	1 x 16 GB
	Type	DDR4
	Speed	min. 2400 MHz
	Memory Slot (Total)	min. 2 slots
	Max Memory Supported	min. 32 GB
Graphics	Graphics Type	Dedicated
	Monitors Supported	min. 2
	Memory Size	min. 4 GB
	Memory Type	GDDR5
Hard Drives	Capacity	min. 256 Gb
	Type	M.2 NVMe MLC SSD
	Other	Support installation 2-nd HDD 2.5"
Connectivity	WLAN	802.11ac (2x2)
	LAN	Gigabit Ethernet LAN
	Bluetooth	min. Bluetooth 4.1
Ports	USB	min. 2x USB 3.0 or USB 3.1 Gen1 (min. 1x charging) min 1x Thunderbolt 3
	Video Port	min. 1x HDMI 2.0/DP 1.2
	Audio Ports	1 x Headphone/Microphone Combo Jack

	Ethernet	1 x RJ 45
	Connectivity to docking station	Docking Port or Thunderbolt 3
Input Device	Touchpad	Touchpad with multi-touch gesture support
	Keyboard	QWERTY (Eng/Rus, factory engraved), Backlit
Expansion Slots	Card Reader	SD, SDHC, SDXC
	Smart Card Reader	Integrated Smart Card Reader
	Mobile Broadband Card	Integrated 4G module and SIM slot
Audio	Speaker	Integrated Stereo Speakers
Camera	Built-In	min 720p Cam
		Internal Dual-Array Digital Microphones
Battery		min. 7 hours of battery life
Security		TPM 2.0, Fingerprint Reader, BIOS Protection
Power adapter		External
Weight		Max. 2,7 Kg
Color		Black/Silver/Grey
Accessories		
Docking Station – full compatible with laptop (same as laptop brand)	USB	min. 4 x USB ports (2 x USB 3.0, USB 3.0 with PowerShare, USB 2.0)
	Video Port	min. 2 x Digital Ports (min. 1x DP v1.2) min. 1 x VGA
	Audio Ports	1 x Combo audio
	Ethernet	1 x Gigabit Ethernet
	Power adapter	External
Backpack Case (Black/Grey)		Applicable Models: 15.6"
		Waterproof
		Multiple compartments, Integrated compartment to securely store your laptop; Integrated tablet pocket for safe and convenient storage; Organizer compartment with key fob and multiple divider pockets for pens, ID card and memory stick; Fleece lined sunglasses/mobile phone pocket;

	Quick-access, front zippered compartment for frequently needed items
	Ergonomically adjustable shoulder straps made of breathable textile
	Reinforced steel top handle Padded handle
	Side water bottle pockets
	TSA Friendly Backpacks
Keyboard & Mouse combo (same as laptop brand)	Bundle wireless full size Keyboard (EN/RO/RU, quiet typing) and quiet Laser/Optical Mouse, batteries included
Software	
OS	Windows 10 Pro x64
Warranty	5 years' parts, 5 years' labor, 5 years onsite (official warranty with indicated on an official website of manufacturer), inclusive min. 3 years for battery