INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING KANCHEEPURAM – CHENNAI -600127 ${\bf COMPUTER\ CENTER}$

TECHNICAL SPECIFICATION FOR LAPTOP

S.No	Product Description	Technical Configuration			
PROCESSOR					
1	Processor Make	Intel (Example)			
2	Processor Generation	11 (Example)			
3	Number of Cores per Processor	8(Example)			
4	Processor Base Frequency (GHz)	2.5(Example)			
5	Processor Description	Intel Core i7(Example)			
6	Processor Number	Intel Core i7 11700(Example)			
7	Cache (MB)	16(Example)			
Motherboard					
8	Expansion Slots (M Dot 2)	3(Example)			
GRAPHICS					
9	Graphics Type	Integrated			
10	Graphic Card Description	/Nvidia(Example) UHD Graphics			
11	Size of Memory in Case of	750(Example) 4GB(Example)			
12	Dedicated Graphic Card (GB) Size of VRAM in case of Integrated Graphics (MB)	128(Example)			
		<u> </u>			
13	Type of RAM	DDR4 /DDR5			
14	RAM Size (GB)	8			
15	RAM Speed (MHz)	3200			
16	Total Numbers of DIMM Slots	4			
17	Available Number of DIMM Slots populated	1			
18	RAM Expandability up to(using spare DIMM Slots in GB)	128			
	STORAGE	<u> </u>			
19	Type of Drives used to populate	HDD			
20	the Internal Bays Number of Internal Bays populated with HDD	1			
21	Capacity of each HDD (GB)	1 TB			
22	Total HDD Capacity (GB)	1000			
23	Number of Internal Bays populated with SSD	0			

24	Capacity of each SSD (GB)	0		
25	Total SSD Capacity (GB)	0		
26	Number of Internal Bays populated with SSHD	0		
27	Capacity of each SSHD (GB)	NA		
28	Total SSHD Capacity in addition to 8 GB Flash (GB)	0		
29	Number of Internal Bays populated with SSED	0		
30	Capacity of each SSED (GB)	0		
31	Total SSED Capacity (GB)	0		
32	Optane Memory (GB)	0		
CONNECTIVITY				
32	Wireless Connectivity	No		
33	If Yes, Type of Wireless Connectivity	NA		
34	Number of Ethernet Ports	1		
35	Type of Ethernet Ports	Intel 10/100/1000		
36	Bluetooth Connectivity	No		
37	If Yes, Version of Bluetooth Available	0		
	PORTS			
38	Number of USB Version 2 Point 0 Ports	3		
39	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	4		
40	Number of USB Version 3 point 1, Gen 2 Ports	4		
41	Number of USB Type C Ports	1		
42	Number of Serial Ports	0		
43	Number of Thunderbolt Port	0		
44	Number of VGA Ports	0		
45	Number of HDMI Ports	1		
46	Number of DP Ports	2		
DISPLAY				
47	Display Size (Inch)	14		
48	Display Type	Non Touch		
49	Display Technology	LED HD Backlit Antiglare		
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50	Panel Technology	TN		
51	Display Resolution (Pixels)	1366x768		
52	Availability of Webcam integrated with Display	Yes		
53	If Yes, Resolution of Webcam	VGA		
54	Infra Red Webcam	No		
MISCELLANEOUS				
55	Optical Drive	NA		
56	Type of Optical Drive	N/A		
57	Internal Speaker (Dual)	Yes		
58	Audio-in	No		
59	Audio-out	No		
60	Headphone out	Yes		
61	Microphone-in	Yes		
62	Type of Keyboard	Standard		
63	Backlit Keyboard	No		
64	Spill Resistant Keyboard	No		
65	Pointing Device/Touchpad	Touchpad with multi- touch gestures enabled		
66	Finger Print Reader	No		
67	Hardware Trusted Platform Enabled	No		
68	Carry Case	Yes		

69	Availability of Webcam integrated with Monitor	No		
70	If Yes, Resolution of Webcam	NA		
71	Availability of Speakers integrated with Monitor	No		
72	If Yes, Number of Speakers available	0		
POWER				
73	If Yes, Type of Carry Case	Back Pack		
74	Security Lock Slot	Yes		
75	If Yes,Availability of Cable Lock	No		
76	Weight (Including Battery) (Kilogram)	1.6		
OPERATING SYSTEM				
77	Operating System (Factory Pre- Loaded)	Windows 10 Professional		
78	OS Certification	Windows		
WARRANTY				
79	Battery Warranty	1		
80	On Site OEM Warranty (Year)(OEM/ Authorised channel partner shall note that W/G to be fulfilled by OEM at site)	3		

Indentor Head of the Department Computer Center Tech., PIC – Computer Center