



ਪੰਜਾਬ ਸਰਕਾਰ  
ਸੁਚੱਜਾ ਪ੍ਰਸ਼ਾਸਨ ਅਤੇ ਸੂਚਨਾ ਤਕਨੀਕ ਵਿਭਾਗ

GOVERNMENT OF PUNJAB  
DEPARTMENT OF GOOD GOVERNANCE & INFORMATION TECHNOLOGY

Ref No. DIT/Procurement/e-837120/ I/1111 578/ 2025

Dated: 26.05.2025

To

1. All Administrative Secretaries
2. All Deputy Commissioners

**Subject: Revised Minimum Technical Specifications of commonly used IT items**

1. This is in continuation of this office letter No: DGRPG/Specifications/E-837120/2025/02/04 dated 04.02.2025 regarding technical specifications of commonly used IT items.
2. In this regard, it has been observed that some of the organizations of the Government of Punjab having lower budgets, were finding it difficult to procure desktops and All-in-Ones with the specifications of GGIT as per above mentioned letter.
3. Accordingly, based on the specifications released by MeitY, Government of India, the specifications for desktops, laptops, all-in-ones and tablet PCs are being revised as attached.

  
(Amit Talwar, IAS)  
Director

A copy is forwarded to the following for information please:

1. All Project Managers, GG&IT & PSeGS
2. GM (Finance), PSeGS

## 1. Desktop PCs

Parameters	Minimum Specifications		
	Entry-Level	Mid-Level	High-End
Processor	AMD Ryzen 3 5300G/ intel Core i3 12100	AMD Ryzen 5 5600G/ intel Core i5 12400	AMD Ryzen 7 5700G/ intel Core i7 12700 or Higher
RAM	Minimum 16GB DDR4 with support of suitable slots to expand memory slots upto 16GB or more.	Minimum 16GB with support of suitable or to expand memory upto 32GB.	Minimum 16GB DDR4 latest, with support suitable slots to expand memory upto 64GB or Higher
Memory Size	Minimum 500 GB HDD or 500 GB SSD (Nvme)	Minimum 500 GB HDD & 500 GB SSD (Nvme)	Minimum 1 TB SSD (Nvme)
Chipset	Compatible chipsets as per processors make		
DVD	Optional		
Display size (Monitor)	19" WTFT or Higher		
Display Type	LED		
Keyboard	Wired / Wireless		
Mouse	Wired / Wireless		
Cabinet	MT/SFF		
SMPS	180-250W		
Speaker	1 Internal Speaker		
Ports	Minimum 6 USB, VGA/HDMI/DP, LAN		
OS	Windows / Linux		
Certification	BIS, BEE, EPR, RoHS or any other relevant Indian Certificates		

*Note: The departments may choose higher specifications as per their requirements and availability of budget.*

## 2. All-In-ono PCs

Paramotors	Minimum Specifications		
Processor	Entry-Level	Mid-Level	High-End
	AMD Ryzen 3 5300G/ intel Core i3 12100	AMD Ryzen 5 5600G/ intel Core i5 12400	AMD Ryzen 7 5700G/ intel Core i7 12700 or Higher
RAM	Minimum 16GB DDR4 with support of suitable slots to expand memory slots upto 16GB or more.	Minimum 16GB with support of suitable or to expand memory upto 32GB.	Minimum 16GB DDR4 latest, with support suitable slots to expand memory upto 64GB or Higher
Memory Size	Minimum 500 GB HDD or 500 GB SSD (Nvme)	Minimum 500 GB HDD & 500 GB SSD (Nvme)	Minimum 1 TB SSD (Nvme)
Chipset	Compatible chipsets as per processors make		
Display size	19" WTFT or Higher		
Display Type	LED		
Keyboard	Wired / Wireless		
Mouse	Wired / Wireless		
Speaker	1 Internal Speaker		
Ports	Minimum 6 USB, VGA/HDMI/DP, LAN		
OS	Windows / Linux		
Certification	BIS, BEE, EPR, RoHS or any other relevant Indian Certificates		

*Note: The departments may choose higher specifications as per their requirements and avallability of budget.*

### 3. Laptop PCs

Parameters	Minimum Specifications		
	Entry-Level	Mid-Level	High-End
Processor	AMD Ryzen 3 5425U/ Intel Core i3-1215U	AMD Ryzen 5 5625U/ Intel Core i5-1245U	AMD Ryzen 7 5825U/ Intel Core i7-1265U Or Higher
RAM	Minimum 16 GB DDR4, with support of suitable slots to expand memory upto 16 GB or more	Minimum 16 GB DDR4, with support suitable slots to expand memory upto 32 GB	Minimum 16 GB DDR4 or latest, with support of suitable slots to expand memory upto 64 GB or Higher
Memory Size	Minimum 512 GB SSD (Nvme)	Minimum 1 TB SSD (Nvme)	Minimum 1 TB SSD (Nvme)
Display Resolution	1366x768 HD display	1920x1080 FHD display	1920x1080 FHD display
Battery	Lithium ion Battery Capacity (Watt Hour) - Minimum 36 Battery Backup Time (Hours) - 8		
Chipsets	Compatible chipsets as per processors make		
Display size	14" or Higher		
Display Type	LED		
Bluetooth	Enabled 5.0 or higher		
Wireless Device	Wireless 802.11 ac + BT 5.0 or higher		
Interfaces	RJ-45, Min. 2 USB 3.0 Type A & 1 USB 3.0 Type C, Audio combo port, DC Adapter Jack, HDMI port		
Audio	Built-in stereo speakers with high-definition audio support. Built-in Microphone.		
Security	Bios Password / FTPM 2.0 etc.		
Hardware interface	USB and HDMI		

Ethernet controllers	Gigabit Ethernet
Keyboard & touch pad device	Keyboard with touch pad
Mouse	Optional
Camera for video conferencing	HD 720p Webcam
OS	Windows/ Linux/ Android (optional)
Certification	BIS, BEE, EPR, RoHS or any other relevant Indian Certificates

**Note: The departments may choose higher specifications as per their requirements and availability of budget.**

#### 4. Tablet PCs:

Parameter	Minimum Specifications
Processor	Quad-Core with frequency of 1.8 GHz or more
RAM	4 GB or higher
Memory Size	64 GB or higher
Rear Camera	5 MP or higher
Front Camera	2 MP or higher
Battery (mAh)	5000 mAh or more
Display (Size/Type/Resolution)	8.0" or more, TFT (capacitive, multi-touch), 1280 x 800 or higher
Bluetooth Version	5.0 or higher
Wi-Fi	802.11 a/b/g/n/ac or latest
Network Support (Data & voice)	4G/LTE 3G/2G/VOLTE
SIM card slot	1 Micro / Nano SIM or more
Voice Calling Support	Yes
Micro USB 2.0 Slot	Yes
Audio In / Out	3.5 mm Headphone Jack
GPS	Yes
Operating System	Android 13.0 / equivalent or higher
Certifications	BIS and BEE, EPR and RoHS and any other relevant Indian Certificates

*Note: The departments may choose higher specifications as per their requirements and availability of budget.*