**W-43/4/2020-IPHW-MeitY**
**Government of India**
**Ministry of Electronics and Information Technology**
**(IPHW Division)**

Electronics Niketan, 6, CGO Complex,
Lodhi Road, New Delhi 110003

**Dated: August 27, 2021**

**Subject:  Revised Model Technical Specifications of Tablet PCs**

**Reference:** Model Technical Specifications of Tablet PCs issued vide F.No. No. W-43/4/2020-IPHW-MeitY dated 17.04.2021.

An industry consultation was held on 16.07.2021 to revise the model technical specifications of Tablet PCs issued by Ministry of Electronics and Information Technology (MeitY) vide F.No. W-43/4/2020-IPHW-MeitY dated 17.04.2021. Based on the recommendations, the revised model technical specifications of Tablet PCs are as under:

| Parameter | Specification |
|---|---|
| Processor | Quad-Core with frequency of 1.8 GHz or more |
| RAM | 2 GB or higher |
| ROM | 32 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<br>TFT (capacitive, multi-touch)<br>600 x 1024 (or higher) |
| Bluetooth Version | 4.0 or higher |

| Parameter | Specification |
|---|---|
| Wi-Fi | 802.11 a/b/g/n or higher |
| Network Support( Data & voice) | 4G/LTE<br>3G/2G/VoLTE |
| SIM card slot | 1 Micro SIM |
| Voice Calling Support | Yes |
| Micro USB 2.0 Slot | Yes |
| Audio In/Out | 3.5 mm Headphone Jack |
| GPS | Yes |
| Operating System | Android 10.0 or equivalent |
| Certifications | BIS, EPR and RoHS and any other relevant Indian Certificates |

All the other conditions of the Technical Specifications of Tablet PCs issued vide F.No. W-43/4/2020-IPHW-MeitY dated 17.04.2021 remain unchanged.

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**Government of India**
**Ministry of Electronics and Information Technology**
**(IPHW Division)**

**Dated: 17.04.2021**

**Subject: Model Technical specifications of Desktop PCs, Laptop PCs and Tablet PCs**

Ministry of Electronics and Information Technology (MeitY) has notified mechanism for calculating local content for Desktop PCs and Laptop PCs vide Notification No. W-43/4/2019-IPHW-MeitY dated 07.09.2020, in furtherance of the Public Procurement (Preference to Make in India) Order 2017.

2. MeitY, in consultation with the Industry stakeholders has framed model technical specifications of Desktop PCs, Laptop PCs and Tablet PCs for procurement to be made by Ministries / Departments and their agencies / PSUs. The procuring entities may incorporate the specifications of Desktop PCs, Laptop PCs and Tablet PCs as per their requirement in the tender document from the model technical specifications given below:

**3. Model Technical Specifications:**

**3.1 Desktop PCs:**

| Parameters | Model Specifications | | |
|---|---|---|---|
| Processor | Entry Level | Mid Level | High end |
| | Core i3 10100/AMD R3 3200G | Core i5 10400/AMD R5 3400G | Core i7 10700/AMD R7 3700 |
| RAM | 4GB | 8GB | (16GB) / (8GB x 2) |
| ROM Size | 500 GB HDD | 500 GB HDD | 1 TB HDD, 256GB(SDD) |
| Chipset | Commercial chip sets | | |
| DVD | DVD RW | | |
| Display size (Monitor) | 21.5" WTFT | | |
| Display Type | LCD / LED | | |
| Keyboard | Wired / Wireless | | |

| Parameters | Model Specifications |
|---|---|
| Mouse | Wired / Wireless |
| Cabinet | MT |
| SMPS | 180-250W |
| Speaker | 1 speaker port |
| Ports | Minimum 6 USB, VGA/HDMI, LAN |
| OS | Windows/ Linux |
| Certification | BIS, BEE, EPR, RoHS or any other relevant Indian Certificates |

## 3.2 Laptop PCs:

| Parameters | Model Specifications | | |
|---|---|---|---|
| | Entry Level | Mid Level | High End |
| Processor | Pentium Gold 6405U/ AMD Athlon 3050U | Core i3 1005G1/ AMD Ryzen 3 3250U | Core i5 1035G1/ AMD Ryzen 5 3500U |
| RAM | Minimum 4GB DDR4, with 2 DIMM slots with upto 32GB memory expandability | Minimum 4GB DDR4, with 2 DIMM slots with upto 32GB memory expandability | Minimum 8GB DDR4, with 2 DIMM slots with upto 32GB memory expandability |
| ROM Size | 1 TB HDD | 1 TB HDD | 1 TB HDD +256 GB SSD<br><br>500 GB HDD/ 512 GB SSD |
| Battery | Lithium ion<br>Battery Capacity (WattHour) - Minimum 36<br>Battery Backup Time (Hours) - 8 | | |
| Chipsets | SoC | | |

| Parameters | Model Specifications |
|---|---|
| Display size | 14" |
| Display Type | LCD / LED |
| Resolution | 1366x768 HD display |
| Bluetooth | Enabled 5.0 or higher |
| Wireless Device | Wireless 802.11 ac+ BT 5.0 or higher |
| Interfaces | RJ-45, Min. 2 USB3.0 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 |
| Certification | BIS, BEE, EPR, RoHS or any other relevant Indian Certificates |

## 3.3 Tablet PCs:

| Parameter | Specification |
|---|---|
| Processor | Quad-Core with frequency of 1.8 GHz or more |
| RAM | 2 GB or higher |

| Parameter | Specification |
|---|---|
| ROM | 32 GB or higher |
| Rear Camera | 5 MP or higher |
| Front Camera | 2 MP or higher |
| Battery (mAh) | 5400mAh  or more |
| Display (Size/Type/Resolution) | 8.0" or more<br>TFT (capacitive, multi-touch)<br>600 x 1024 (or higher) |
| Bluetooth Version. | 4.0 or higher |
| Wi-Fi | 802.11 a/b/g/n |
| Network Support( Data & voice) | 4G/LTE<br>3G/2G/VoLTE |
| SIM card slot | 1 Micro SIM |
| Voice Calling Support | Yes |
| Micro USB  2.0 Slot | Yes |
| Audio In/Out | 3.5mm Headphone Jack |
| GPS | Yes |
| Operating System | Android 10.0 or equivalent |
| Certifications | BIS and BEE, EPR and RoHS and any other relevant Indian Certificates |

4.    Local content shall be calculated as per the MeitY Notification No. W-43/4/2019-IPHW-MeitY dated 07.09.2020, as amended from time to time.

5.    The aforesaid model specifications shall be revised on a yearly basis, or earlier as deemed necessary, after due consultation with Industry / Industry Associations.

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