



**Google EDLA-certified**

# **INTERACTIVE FLAT PANEL**

**With Integrated K-12 Digital  
Content and Brainhack AI**



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## Features Of Brainhack IFP



## Benefits Of Brainhack IFP

- 1** **Built-in Digital Content:** Get 2 million learning resources, 50,000+ animated videos, 1 lakh+ questions, and 10,000+ interactive games.
- 2** **Impeccable Writing Experience:** Get a lag-free and natural writing experience.
- 3** **No Ongoing Maintenance:** The IFP has a long life of 10+ years and requires no ongoing maintenance after installation.
- 4** **Powerful Pricing:** Get interactive flat panels at an unmatchable price from us and earn a high-profit margin.
- 5** **Brainhack AI** is a smart, curriculum-based tool with 650,000+ questions, step-by-step answers, instant paper generation, and handwriting recognition—built by 155 experts for school to university-level learning. Upload any book PDF to get custom study materials in 3 days, with support for English, Hindi & regional languages.

## SPECIFICATIONS

| Model                         | Spec.  | 55 inch              | 65 inch               | 75 inch           |
|-------------------------------|--|----------------------|-----------------------|-------------------|
| <b>Display Parameter</b>      |  |                      |                       |                   |
| Resolution                    | 3840*2160/UHD  | ✓                    | ✓                     | ✓                 |
| Aspect Ratio                  | 16:9   | ✓                    | ✓                     | ✓                 |
| Contrast Ratio                | 1200:1/4000:1  | ✓                    | ✓                     | ✓                 |
| Colors                        | 1.07 billion colors  | ✓                    | ✓                     | ✓                 |
| Brightness                    | 450 cd/m²  | 350 cd/m²            | ✓                     | ✓                 |
| Viewing Angle                 | 178°   | ✓                    | ✓                     | ✓                 |
| Screen Surface                | 4 mm thickness Anti-Glare glass  | ✓                    | ✓                     | ✓                 |
| <b>Panel Interactivity</b>    |  |                      |                       |                   |
| Touch Technology              | IR Touch   | ✓                    | ✓                     | ✓                 |
| Touch Points                  | 40 points (Win 7/8/10)<br>20 points touch (Android)  | ✓                    | ✓                     | ✓                 |
| Touch Accuracy                | ± 2 mm (Windows)   | ± 1 mm               |                       |                   |
| Recognition                   | Finger or passive stylus   | ✓                    | ✓                     | ✓                 |
| Response Rate                 | <4 ms (single touch)<br><10 ms (max touch inputs)  | ✓                    | ✓                     | ✓                 |
| Response Rate                 | 2mm  | ✓                    | ✓                     | ✓                 |
| Response Time                 | < 5 ms   | <8 ms                | <8 ms                 |                   |
| Hotspot                       | Yes  | ✓                    | ✓                     | ✓                 |
| Bluetooth                     | V 5.0  | ✓                    | ✓                     | ✓                 |
| WiFi                          | Version 802.11 ac/b/g/n/a/ax & working frequency 2.4 GHz/5 GHz   | ✓                    | ✓                     | ✓                 |
| <b>Back Side Connectivity</b> |  |                      |                       |                   |
| I/O Interface                 | RJ45 * 2<br>RS232 * 1<br>VGA * 1<br>PC AUDIO IN * 1<br>TOUCH USB 2.0 * 2<br>OPTICAL OUT * 1<br>TF CARD * 1<br>(Mini) MIC IN * 1<br>(Mini) LINE OUT * 1<br>USB 3.0 * 1<br>USB 2.0 * 1<br>HDMI IN * 2<br>DP IN * 1<br>Type-C * 1 | ✓                    | ✓                     | ✓                 |
| Front Interface               | USB 3.0 * 2<br>TOUCH USB * 1 (USB 2.0)<br>HDMI IN * 1 (HDMI 2.0)<br>Type C * 1   | ✓                    | ✓                     | ✓                 |
| Speaker                       | 15W * 2  | 20W * 2              | 20W * 2               |                   |
| <b>Operating System</b>       |  |                      |                       |                   |
| Android Version               | Android 14.0   | ✓                    | ✓                     | ✓                 |
| Chipset                       | 9679 Chipset A73 * 4   | ✓                    | ✓                     | ✓                 |
| CPU                           | Quad Core  | ✓                    | ✓                     | ✓                 |
| GPU                           | G52  | ✓                    | ✓                     | ✓                 |
| RAM                           | 8GB System Memory  | ✓                    | ✓                     | ✓                 |
| ROM                           | 128GB System Storage   | ✓                    | ✓                     | ✓                 |
| Compliant With                | Windows, Mac, Linux, Chrome OS   | ✓                    | ✓                     | ✓                 |
| Gross Weight                  | (Kg ± 2)   | 52                   | 56                    | 68                |
| Bare Dimension (mm)*          | (L * H * W)  | 1270 * 774.7 * 23    | 1483.4 * 896.6 * 87.2 | 1709 * 1020 * 88  |
| Packing Dimension (mm)*       | (L * H * W)  | 1371.6 * 889 * 177.8 | 1630 * 1050 * 220     | 1860 * 1160 * 220 |
| Input Voltage                 | 100-240V (50/60hz 4A)  | ✓                    | ✓                     | ✓                 |
| Power Consumption             |  | Max 280W             | Max 280W              | Max 350W          |
| Updates                       | 2 Years OTA Updates  | ✓                    | ✓                     | ✓                 |
| Camera & Mic                  | 48 Megapixel Camera and 8 Array Mic (Optional)   |                      | ✓                     | ✓                 |
| AI                            | In-built AI  | ✓                    | ✓                     | ✓                 |





## THE BRAINHACK COMPANY

"At Brainhack, we are passionate about creating learning experience that go beyond textbooks. We believe every child as the potential to innovate, explore and lead in technology-driven world. Through our hands-on Robotics, Coding, Smart Class and AI Programs."

We empower educators and students with cutting-edge tools that inspire innovation, creativity and 21st century skills.

"We believe in transforming classrooms into spaces where learning is hands-on collaborative and future ready."

We have more than 10 years of experience providing cutting-edge educational solutions, digital content, interactive flat panels, all-in-one PCs, smart classes, and delivering teacher's training to various institutions across India.

## CORPORATE OFFICE

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