



## Key Features



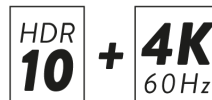
### Simultaneous Smooth writing Multi - Touch

10 point touch support detects multiple touch points, enhancing the possibility of collaborative work. The screens also provide a precise and user friendly writing experience with its smooth surface.



### Anti Glare Tempered Glass

Prevents light reflection and provides smooth touch performance with anti glare technology. Robust design with toughened glass material to avoid any damage to the screen



### HDR10 & 4K HDMI @60Hz

Displays supporting HDR10 allows HDR based content to be shown, giving a brighter and more dynamic picture. This is further enhanced due to the support of 4K 60Hz, allowing ultra sharp, smooth Video content to be presented.



### Collaborate, Annotate with Oktopus

Collaborate: View lessons, respond, share annotations, and take notes using any tablet or laptop Anntate: Works over browser content & existing applications Poll: Pose questions and gain immediate participant feedback, displaying results instantly.

Panel

|                         |                                                    |                          |                          |
|-------------------------|----------------------------------------------------|--------------------------|--------------------------|
| Screen Size             | 55"                                                | Panel Technology         | IPS                      |
| Backlight Type          | Direct-Type LED                                    | Brightness (typical)     | 400 cd/m²                |
| Native Resolution       | UHD: 3840 x 2160 - HDR10                           | Contrast Ratio (typical) | 1300:1                   |
| Dynamic Contrast Ratio  | 40000:1                                            | Panel Life Time ( Min. ) | 30000 Hr                 |
| Response Time (typical) | 6 ms                                               | Active Area (H x V)      | 1210 x 681 mm            |
| Viewing Angle           | 178° Vert., 178° Hor.<br>(89U/89D/89L/89R) @ CR>10 | Color Value              | 16.7 M (8-bit)           |
| Screen Treatment        | 2H                                                 | Haze Level               | 8%                       |
| Refresh Rate            | 60 Hz                                              | Front Type               | Black Super Narrow Bezel |
| Orientation             | Horizontal                                         | Operation Hours          | 16/7                     |
| Area of Usage           | Indoor                                             |                          |                          |

Built-in System

|                 |           |
|-----------------|-----------|
| Mainboard Model | 17MB135VS |
|-----------------|-----------|

Monitor Connectivity

|                  |                                                |                 |                        |
|------------------|------------------------------------------------|-----------------|------------------------|
| RGB Input        | VGA(DE-15F)                                    | RGB Output      | N/A                    |
| Video Input      | 4xHDMI2.0, 2xUSB2.0,<br>USB2.0(Internal)       | Video Output    | HDMI2.0                |
| Audio Input      | Line In L/R                                    | Audio Output    | Headphone, Optic SPDIF |
| External Control | RS232(DE-9F), Ethernet(RJ45),<br>Service(RJ12) | External Sensor | RJ12                   |

Touch Interactivity

|                          |                                                                            |                         |                                |
|--------------------------|----------------------------------------------------------------------------|-------------------------|--------------------------------|
| Type of Touch Technology | Infrared (IR) Technology                                                   | Continuous Touch Points | 10 Points                      |
| Sensitivity              | Any touch with finger, gloved hand<br>or pointer                           | Connectivity            | HID, TUIO, Flash               |
| Compatibility            | Windows®7, Windows®8,<br>Windows®10, Vista, XP, Mac® OS,<br>Linux, Android | Orientation             | Landscape support              |
| Calibration              | No need                                                                    | Accuracy                | %90                            |
| Reporting Rate           | Up to 450 fps                                                              | Glass Type              | Anti Glared (AG), 4mm Tempered |
| Frame Rate               | up to 450 fps                                                              | Communication           | USB 2.0                        |
| Power Supply Mode        | USB                                                                        | Supply Voltage          | DC 5V +/- 5%                   |
| Average Current          | 400mA                                                                      | Response Time           | 10ms                           |
| Touch Accuracy           | +/-2mm (over 90% area)                                                     | Touch Durability        | Unlimited                      |
| HID Compatibility        | Yes USB                                                                    | Object Sizes for Touch  | 5mm                            |

Mechanical

|                            |                     |                            |                         |
|----------------------------|---------------------|----------------------------|-------------------------|
| Product Dimensions (WxDxH) | 1280 x 123 x 751 mm | Package Dimensions (WxDxH) | 1480 x 265 x 930 mm     |
| Product Weight             | 29.45 kg            | Package Weight             | 38.15 kg                |
| Vesa Mounting              | 400 x 200 mm        | Bezel Width                | B:34   T:34   L/R:34 mm |

Environmental Conditions

|                       |             |                    |     |
|-----------------------|-------------|--------------------|-----|
| Operating Temperature | +40°C / 0°C | Operating Humidity | 90% |
|-----------------------|-------------|--------------------|-----|

Power

|              |                   |
|--------------|-------------------|
| Power Supply | 110 VAC - 240 VAC |
|--------------|-------------------|

Power Consumption

|              |       |         |       |
|--------------|-------|---------|-------|
| Typical      | 138 W | Maximum | 180 W |
| Deep Standby | ≤0.5W |         |       |

Features

|                   |                                                                                |                     |                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Features     | USB-Autoplay, Auto-switch on<br>Failover, Control Button Lock, HDMI<br>Wake-Up | Mechanical Features | IR Touch, Joystick, IR Extender<br>Support, Rocker Switch, Detachable<br>power cable, Carrying handles,<br>Detachable logo positioning, Cable<br>Holders |
| Optional Features | OPS Compliance                                                                 | Speaker             | 2 x 8 W                                                                                                                                                  |

Accessory

|          |                                                                                                               |  |  |
|----------|---------------------------------------------------------------------------------------------------------------|--|--|
| Standard | QSG, IB, Power Cord, Remote<br>Control, RC Battery, Mounting Kit,<br>Extension Brackets, IR Extender<br>Cable |  |  |
|----------|---------------------------------------------------------------------------------------------------------------|--|--|

Certification

|        |     |                    |     |
|--------|-----|--------------------|-----|
| Safety | YES | EMC                | YES |
| CE     | YES | Reability Approval | YES |