

LCD 70" Infrared Touch Display

Sharp PN-70HC1E

Benefits

Keep everyone “eyes up” – present, create and collaborate with ease and precision.

A natural Pen-on-Paper experience – using the passive pen stylus or finger to quickly highlight and annotate key information.

A flexible way to teach – having the freedom to quickly and easily share the right information in the right way.

Simply all you need – an integrated SoC (System on Chip) is included to enable effective ways of teaching and collaborative learning.

Fast, intuitive controls – all the buttons needed to adjust and optimize the performance of the display are in easy reach.

Specifications

Product Information

Product Name
Sharp PN-70HC1E

Product Group
LCD 70" Infrared Touch Display

Order Code
60005522

Display

Active Screen Area (W x H) [mm]
1,538.9 x 865.6

Screen Size [inch/cm]
70 / 176.6

Aspect Ratio
16:9

Pixel Pitch [mm]
0.401

Brightness [cd/m²]
350

Contrast Ratio (typ.)
4000:1

Viewing Angle [°]
178 / 178 (at contrast ratio > 10:1)

Colour Depth [bn]
1,073 (10bit)

Response Time (typ.) [ms]
8 (grey-to-grey)

Supported Orientation
Landscape

Touch

Number of Touches
Real multi-touch up to 20 touches

Touch Method
Finger; Gloves; Stylus (≥ 3 mm)

Supported Operating System
Native Multi-Touch: Windows 7-11, Linux, Android; Default Mouse: Windows XP and Vista, Mac OS

Data Interface
USB-HID

Windows Ink
yes

Palm Rejection
no

Glass

Type
Thermal-tempered, anti-glare coating

Thickness [mm]
4

Haze Level [%]
3 ~ 8

Hardness [H]
≥ 8

Resolution

Native Resolution
3840 x 2160

Connectivity

Input Video Analogue
2 x VGA

Input Video Digital
3 x HDMI

Input Audio Analogue
1 x 3,5 mm jack

Input Control
LAN 100Mbit

Input Data
1 x USB 2.0 (Type-B); 2 x USB 2.0 (Type-A)

Output Audio Analogue
1 x 3,5 mm jack

Remote Control
LAN; RS-232C (9-pin D-sub) Input

Input Detect
Last

Open Modular Intelligence

OPS Slot

Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

OPS Max. Current / Power Consumption [A / W]

3.25 / 65

AirServer Embedded Screen Mirroring Solution

AirPlay

iOS, iPadOS and macOS

Google Cast

Android, Chrome OS and Google Chrome

Miracast

Android and Windows

Electrical

Power Consumption [W]

210 Eco (shipment setting), 400

Power Supply

100-240 V AC; 50/60 Hz

Environmental Conditions

Operating Temperature [°C]

+5 to +35

Operating Humidity [%]

20 to 80

Mechanical

Dimensions (W x H x D) [mm]

1,629 x 990 x 100

Weight [kg]

54

Bezel Width [mm]

25.5 (left, right and top); 53 (bottom)

VESA Mounting [mm]

4 holes; 600 x 400 (FDMI); M6

Embedded Computing

System Version

Android 6.0

Internal Storage

8GB ROM

Built-in Applications

File Manager; PDF Viewer; Web Browser

Available Options

OPS Slot

Intel® Atom, Celeron and Core CPUs Slot-in PCs

Additional Features

Audio

Integrated Speakers (10 W + 10 W)

Shipping Content

1x 180 cm USB Cable; 2 x Stylus; 2x AAA batteries; Cable Clamps; CD-ROM (User Guides/Manuals); Display; Remote Control; User Manual

Warranty

3 years warranty incl. backlight; optional 4. + 5. year warranty extension¹

Operating Hours

16/7

¹ please refer to terms and conditions of warranty extensions

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