S1 Mobile
LED Projector

Reviewer Guide

OPBG Product MKT
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Product overview

The ultraportable and compact ASUS S1 Mobile LED Projector features an internal rechargeable 22Wh battery that delivers up to 3 hours of projection time, and allows the S1 to function as a 6,000mAh power bank for charging mobile devices. A best-in-class short throw ratio allows the S1 to project 41-inch images from just 1 meter from the screen.

The use of an LED light source provides the S1 with Instant On/Off capabilities with almost no warm up or cool down times. ASUS SonicMaster audio-enhanced technology provides quality sound; while the MHL port lets users connect the S1 to mobile devices as a projection source while charging them at the same time.

Why you need the S1

Using an S1 for business can be a smart move that yields big results. You don't need to haul bulky projectors everywhere you go. Just invest in a portable projector, load it with your presentation and show your clients what your firm can do for them.

Using an S1 for entertainment purposes a brisk move that shares big screen fun. Any large flat vertical surface can serve as your screen, and having its own battery means you won't have to look for power sockets.
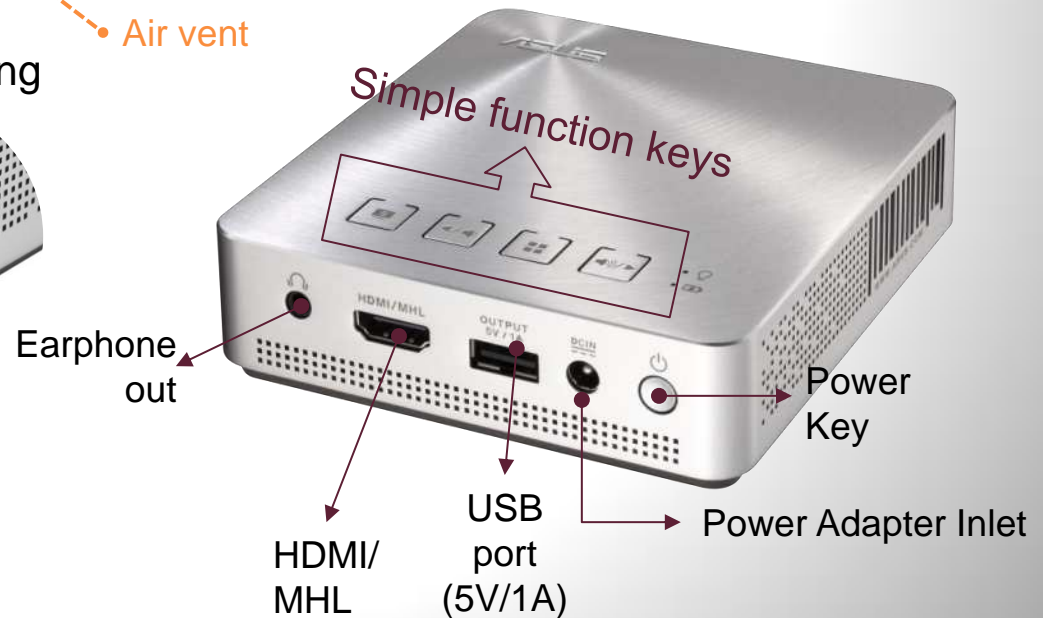
S1 Design at a glance

Front View

110.5 mm   102 mm

30.7mm

Rear View

Lens door

Focus ring

Air vent

Simple function keys

Earphone out

Power Key

HDMI/ MHL

USB port (5V/1A)

Power Adapter Inlet

Key Product Features Overview

S1 Mobile LED Projector
Mobile Projector and Pocket Charger in One

Ultra portability thanks to a compact design with a built-in battery

Compact dimensions (W110.5 x D102 x H30.7 mm) and 342g in weight

Ultra-light Weight

Built-in rechargeable 22Wh battery for up to 3-hour projections in battery mode

Embedded Battery

6000mAh Power Bank - USB Charging even when the S1 is off

Power Bank

LED light source with best-in-class short throw ratio

Short throw projections of 41" from just 1 meter from the screen

Short Throw 41"@1m

5 seconds on and instant off

Instant On/Off

200 lumens, long-life LED light source with 100% NTSC color gamut

LED Light Source 30,000 hours Lifetime

Incredible, award-winning design

Zen-inspired design, crafted with a sleek and stylish concentric-circle finish for a modern look

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The fullest multimedia experience

HDMI An HDMI input port lets users connect the S1 to various IT, multimedia and mobile devices
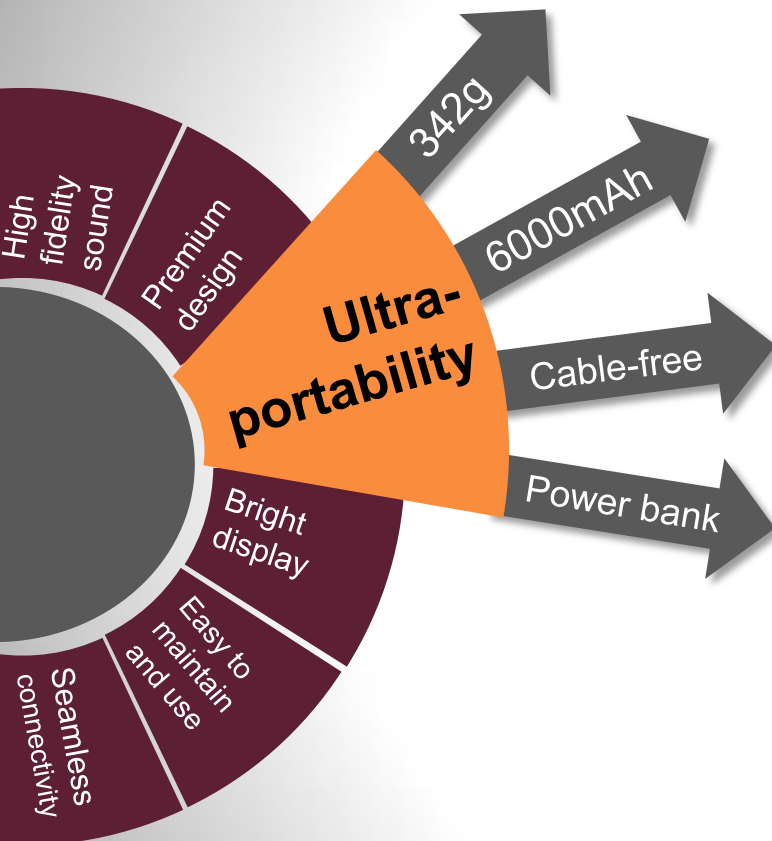
MHL Mobile High-Definition Link MHL provides a single-cable video and power connection for compatible smartphones; while also charging the device

SonicMaster ASUS SonicMaster audio technology for excellent sound

Show, AS YOU GO

The S1 has compact dimensions that measure just 110.5 x 102 x 30.7mm (4.35 x 4.02 x 1.21 inches) and has a desktop footprint no larger than two business cards put side by side. It weighs just 342g (0.75 pounds).

The S1 comes with a built-in rechargeable 22Wh battery and can be used as a 6000mAh power bank to charge mobile devices even when the S1 is switched off. Its 6000mAh battery is the largest capacity in the pocket projector class.

Its lightweight, cable-free design makes it extremely portable and easily slips into your briefcase for easy-to-setup presentations on the go.

342g

6000mAh

Cable-free

Power bank

Ultra-portability

High fidelity sound

Premium design

Bright display

Easy to maintain and use

Seamless connectivity

Make full use of your S1

Project images or videos on any flat, vertical surface with the S1 for best results, we recommend a **light colored wall (preferably smooth and white).** The projector can show up to 100 inches, you can adjust the size of the projected image by simply moving the S1 towards or away from the projection surface. **Dimming room lights** will also improve projection quality.

The cable-free features allows you to use the S1 anywhere, and you don't even have to worry about where the nearest power socket is.

Front table

Rear table

On-the-go

Various occasion

High capacity power bank

The S1 also functions as a 6000mAh power bank, so you can charge your mobile device through the S1's USB port even with the S1 is off.

Power indicator / Battery status indicator

Battery charge indicator

USB port

How many times can you charge your devices?

* When S1 is fully charged

iPhone 5S: 4 times*

Padfone Infinity: 2.4 times*

Nexus7: 1.4 times*

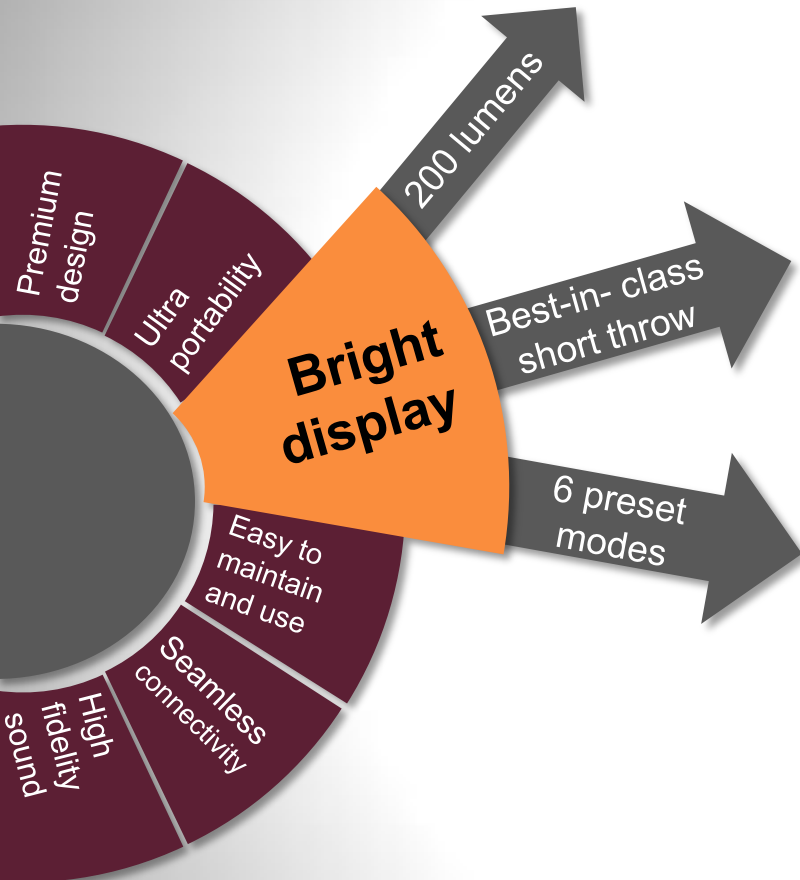**iPad mini: 1.3 times***

Large, bright, and clear projections on-the-go

Despite the S1's compact size, updated DLP technology and a 200 lumens light source delivers bright, clear projections.

The S1 has a 1.1:1 short-throw ratio lens provides 41-inch images from a distance of 1 meter, it's perfect for presentations in small meeting rooms, classrooms or coffee shops. It is ideal for those who conduct presentations in confined space.

Premium design

Ultra portability

Bright display

200 lumens

Best-in- class short throw

6 preset modes

Easy to maintain and use

Seamless connectivity

High fidelity sound

Launch the presets by pressing

The S1 has 6 preset modes which enables users to adjust display brightness depending on the situation.

6 preset modes:

Standard mode
This is the brightest mode for general use

Battery mode
It allows you to optimize power consumption (50 lumens) while running on battery power.

Theater mode
This is recommended for playing videos.

Presentation mode
This is suited for quick use. It provides a higher brightness (70 lumens) when running on batteries and will lasts up to 100mins.
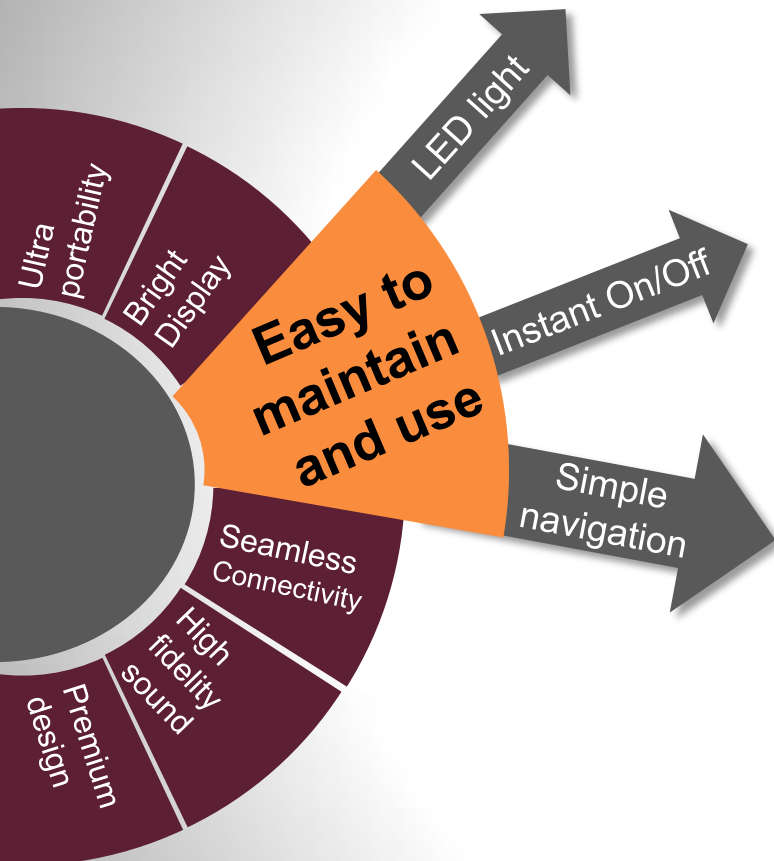
Flashlight
It produces a steady beam of white light which can be used as a torch. This is only available under the battery mode.

Emergency light
This emits a white pulse when the S1 is running on batteries and has no input signal. It serves as an S.O.S. beacon when you are in need of help.

ASUS
IN SEARCH OF INCREDIBLE

LED light

Easy to maintain and use

Instant On/Off

Simple navigation

Ultra portability

Bright Display

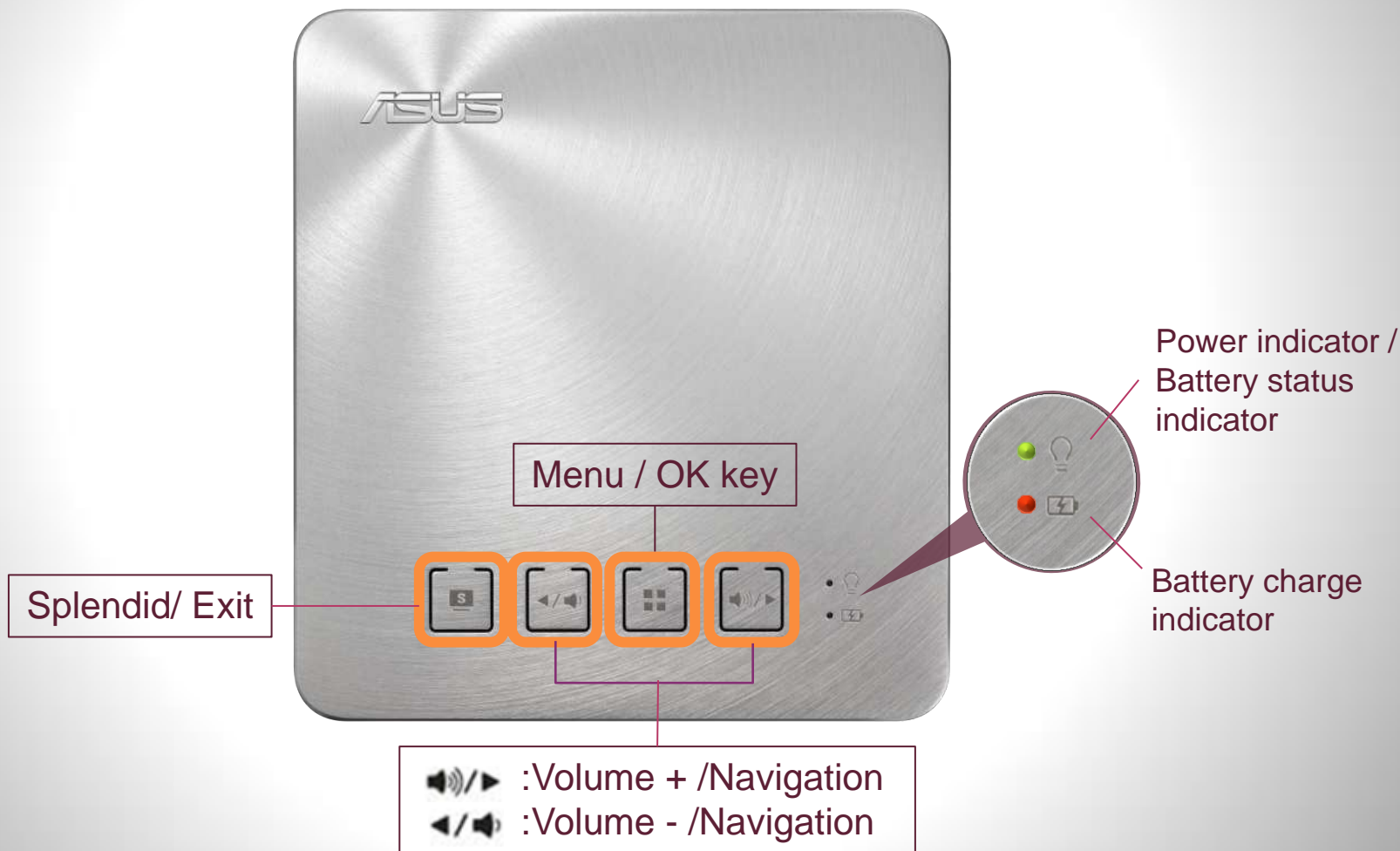Seamless Connectivity

High fidelity sound

Premium design

Save your money and time

The S1's LED light source has a 30,000-hour lifespan, so you can use the S1 for eight hours a day for up to 10 years without needing a replacement lamp.

It also gives the S1 an Instant On/Off capability as there is no need for it to warm up or cool down. This lets you present your ideas or share videos almost immediately.
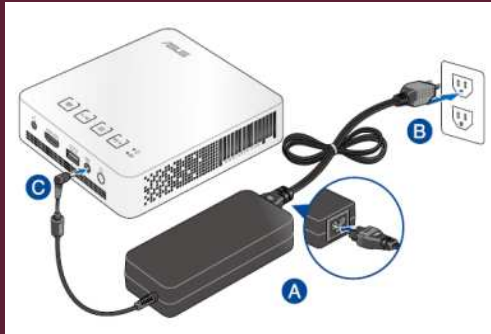
Simple navigation menus allow you to operate the S1 without having to read through complex manuals.

# Easily navigate through menus or operate your projector via the panel buttons

Power indicator /
Battery status
indicator

Menu / OK key

Splendid/ Exit

Battery charge
indicator

🔊/▶ :Volume + /Navigation
◀/🔊 :Volume - /Navigation

4 steps to set up your S1

1 Connect the LED projector to the power adapter.
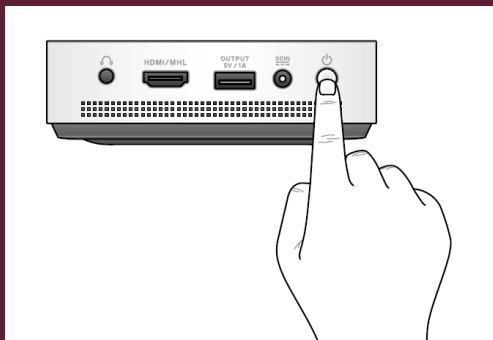

A Connect the power cord to the power adapter.

B Connect the AC power cord to a power source

C Connect the DC power connector to your LED projector.

2 Connect the LED projector to your device.
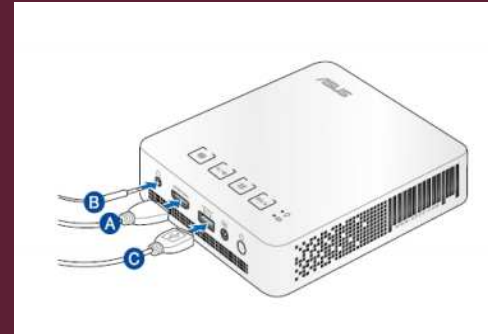
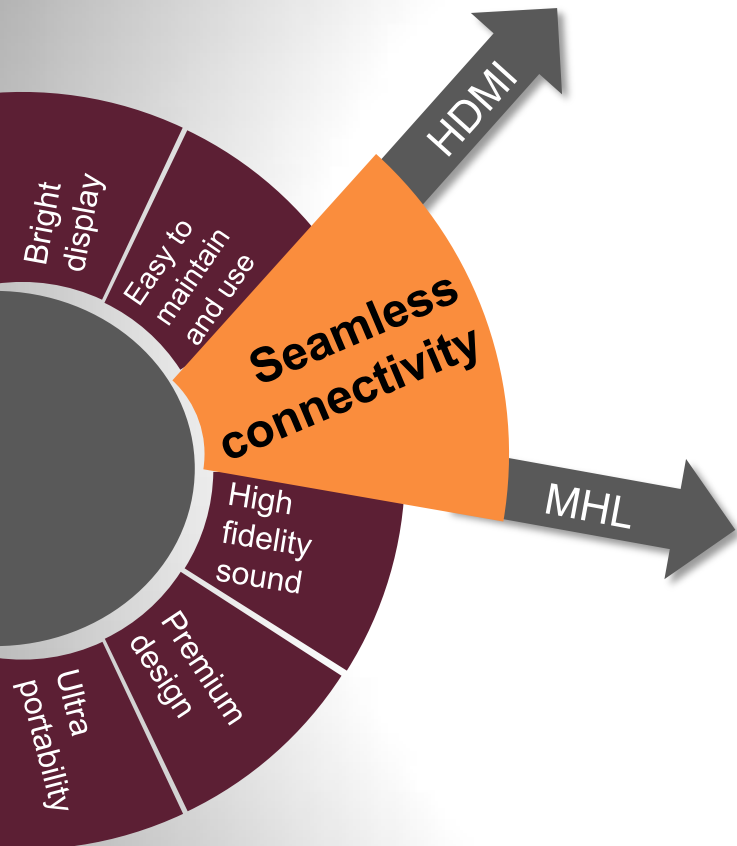A HDMI/MHL

B Audio output power

C Power output (5V/1A)

3 Press the power button.

4 Open the lens cover and adjust the focus ring.

A Open the lens cover by moving the lever to the left.

B Adjust the image by moving the focus ring up or down.

Seamless connection to your mobile devices

Users can easily connect the S1 to various IT, multimedia and mobile devices through the HDMI port.

The MHL port allows you to mirror everything on your phone onto the projected image by simply connecting your MHL-enabled phone to your ASUS S1 projector. It also charges your device while in use.

HDMI

MHL

Seamless connectivity

Bright display

Easy to maintain and use

High fidelity sound

Premium design

Ultra portability

What benefit does MHL bring to the S1?

MHL specification is an HD video and digital audio interface for connecting MHL-enabled phones and portable devices to home entertainment products.
It supports digital audio/video and simultaneously provides power to the mobile device.

How does HDMI benefit the S1?

HDMI lets you view HD content from HD-DVD or Blu-ray Disc players and other input devices. HDMI carries both video and audio signals in a single cable for easy set-up.

COMPATIBILITY

Your device:	How to connect? Need an adapter?
Apple® iPad®, iPhone®, and iPod touch® devices	via- Apple Digital AV adapter (commercially available) + standard HDMI cable (included)
MHL-enabled smartphones, tablets	via MHL cable (included)
Other Smartphones, tablet with Micro or Mini HDMI port	via Micro/Mini HDMI to HDMI adapter (commercially available) + standard HDMI cable (included)
Camera, camcorder with Micro or Mini HDMI port.	via Micro/Mini HDMI to HDMI adapter (commercially available) + standard HDMI cable (included)
Laptop with HDMI port	Via standard HDMI cable (included)
Gaming console with HDMI port	Via standard HDMI cable (included)
DVD / Media players with HDMI port	Via standard HDMI cable (included)

Smart phone

DVD players

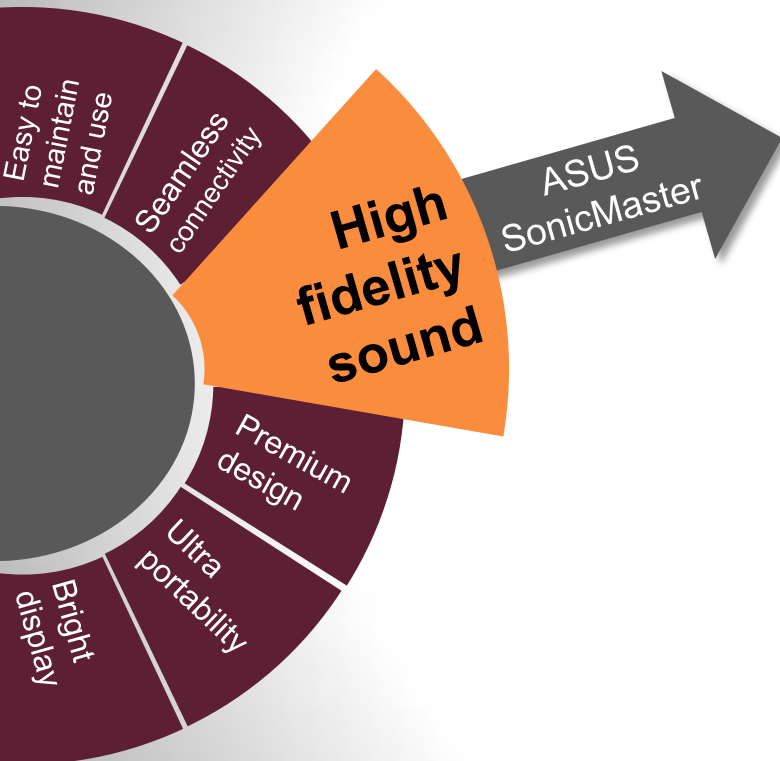Tablets

Media players

Laptops
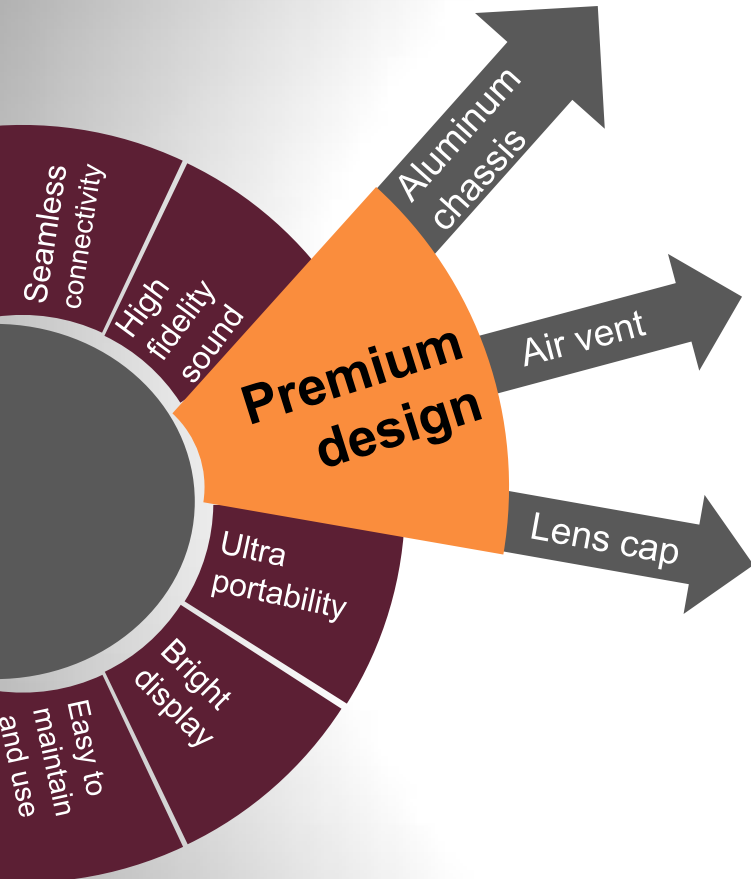
Blue-ray disc players

Game consoles

SonicMaster

Clearer sounds deliver truer experience

ASUS SonicMaster delivers optimized hardware and precision-tuned software for professional-grade audio.

It delivers true high fidelity sound via distinct directional audio detection – all musical instruments are heard, delivering rich and diverse audio.

Easy to maintain and use

Seamless connectivity

High fidelity sound

ASUS SonicMaster

Premium design

Ultra portability

Bright display

Stylish and durable design

ASUS designers penned the S1's Zen-inspired lines and gave its sleek, modern chassis a stylish concentric-circle finish. Finished in aluminum, this premium design helped the S1 win the 2014 CES Innovations Award and 2014 iF product design award.

The use of aluminum aids in heat dissipation and prevents the S1 from overheating. The lens cap has also been designed to protect the lens from damage as well as dust.

Aluminum chassis

Air vent

Lens cap

Premium design

Seamless connectivity

High fidelity sound

Ultra portability

Bright display

Easy to maintain and use

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What are the benefits of an aluminum chassis?

The use of aluminum aids in heat dissipation and prevents the S1 from overheating. Also, aluminum is not prone to warping even at temperature extremes. The S1 is extruded from one piece of aluminum for additional durability and strength.

Protective sleeve

The protective sleeve keeps your S1 safe when in your bag or briefcase. It has a cut-out slot for the USB port so you can charge your mobile device even when your S1 is not in use.

Lens cap benefit:
Protects the lens from damage as well as dust

Lens cap

Air vent

DLP
PICTURE BY
TEXAS INSTRUMENTS

What's in the box?

• **Projector**

(inner)   **(outer)**

• **Carrying Bag**

• **Power Adaptor**
(type by region)

• **Quick Start Guide**

• **AC Power Cord***
(type by region)

• **HDMI cable***

• **MHL cable***

• **USB cable***
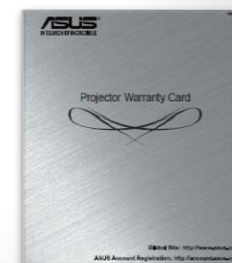
• **Warranty Card**

Full specification

Display		
	Display Technology	0.3" DLP®
	Light Source / lifetime(Max)	R/G/B LED, 30,000 hours
	True Resolution(native)	WVGA 854x480
	Light Output(Max.)	200 lumens (up to 70 Lumens with battery)
	Contrast Ratio(typical)	1000:1 DCR
	Color Saturation (NTSC)	100%
	Display Colors	16.7 M
Projection Lens	Throw Ratio(@16:9)	1.1:1 (41" @ 1m)
	Projection Distance/ Screen Size	0.73~2.43m/ 30~100 inches
	Projection Offset	100 %
	Zoom Ratio	Fixed
Video Feature	Picture Modes	6 Modes(Battery Mode / Presentation Mode / Standard Mode / Theater Mode /Flashlight mode / SOS Mode)
	Aspect Ratio	Auto/ 16:9 / 4:3
	Projector Placement	Front Table, Rear Table, Front Ceiling, Rear Ceiling

Audio Feature	Built-in Speaker	Yes, 2W speaker(ASUS SonicMaster Audio technology)
Power Consumption		32W
Internal Battery		6000mAh (5V@1A)
Battery Life		22Wh(up to 3 hours)
Acoustic Noise(Typical)		28 dB (Battery mode)
Mechanical Design	Chassis Colors	Silver
	Lens Cover	Yes
	Tripod Socket	Yes
Interface	Signal Input	HDMI/ MHL
	Audio Output	Earphone out
	USB Port	Yes (1xType A, for power charge usage)
Phy.Dimension/ Net Weight		110.5 x 102 x 30.7 mm/ 342g
Operating Temperature/ Humidity		0°C ~ 40°C/ 20%～90%
Accessories		carry bag, power adapter, power cord, HDMI cable, USB cable, MHL cable ,Quick Start Guide, Warranty card

* Actual product specifications may vary per country or region