

Technical Specifications



Model	241B7QGJEB
Panel Size:	23.8 inch
Contrast Ratio:	1,000:1
Optimum Resolution:	1920 x 1080 @ 60Hz
Response Time:	5 ms (Gray to Gray)
Brightness:	250 cd/m ²
Signal Input:	VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4
Speakers:	2 W x 2
Features:	<ul style="list-style-type: none"> • Super Low Power • Lead Free • TCO Certified • Hg Free
ECO mode:	8.2 W (typ.)
VESA Mount:	100 x 100 mm



Model	242B1G	272B1G
Panel Size:	23.8 inch	27 inch
Contrast Ratio:	1,000:1	1,000:1
Optimum Resolution:	1920 x 1080 @ 60Hz	1920 x 1080 @ 75Hz
Response Time:	5 ms (Gray to Gray)	4 ms (Gray to Gray)
Brightness:	250 cd/m ²	250 cd/m ²
Signal Input:	VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4	VGA (Analog), DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4 x 1
Speakers:	2 W x 2	2 W x 2
Features:	<ul style="list-style-type: none"> • Super Low Power • Lead Free • TCO Certified • Hg Free 	<ul style="list-style-type: none"> • Super Low Power • Lead Free • PowerSensor • Hg Free
ECO mode:	8.2 W (typ.)	10.5 W (typ.)
VESA Mount:	100 x 100 mm	100 x 100 mm

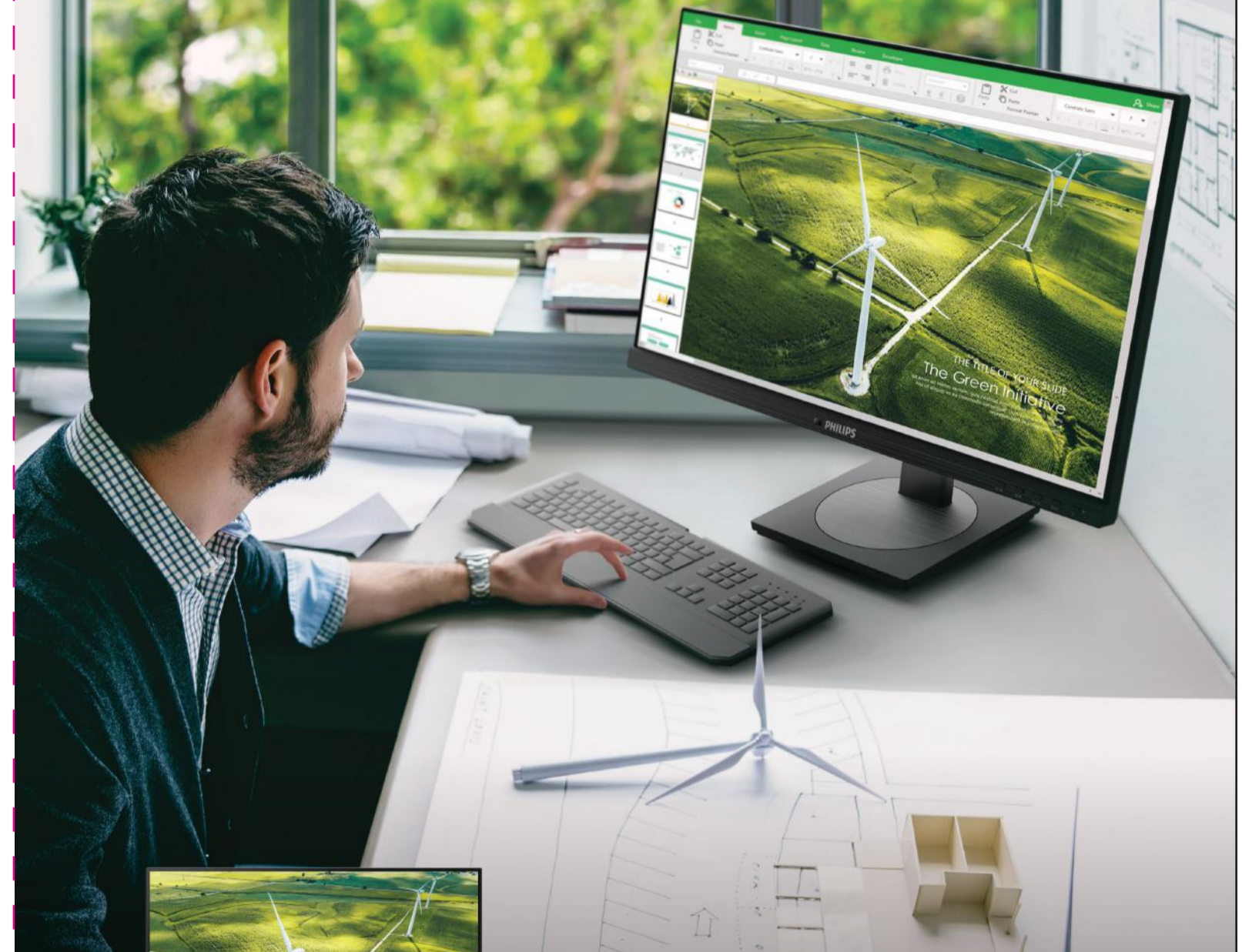
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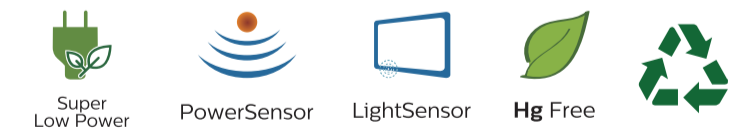
PHILIPS

Monitors

Eco energy-efficiency with brilliant performance



LCD monitor with super energy efficiency
272B1G



Philips Monitors

242B1G & 272B1G Green Leaflet (Outer)

Open Size: 42cm x 29.7cm

Close Size: 21cm x 29.7cm

ID: PM2004004

Commitment to nature

With a long-standing vision on sustainability and environmental wellness, Philips is committed to continuously recycle resources to minimize pollution on Mother Earth. Sustainable development has always been an integral part of the company, and this dedication is taken a step further with the launch of eco-friendly monitors.

As green as can be, these monitors were designed to deliver a new level of power savings without compromising on performance and productivity. The monitors are composed of lightweight, 85% post-consumer recycled plastics and are entirely free of toxic substances, such as lead, mercury, halogen and PVC/BFR. In addition, they are boxed in 100% recyclable packing materials and paper cushion that are non-EPE, to greatly diminish waste and cost.



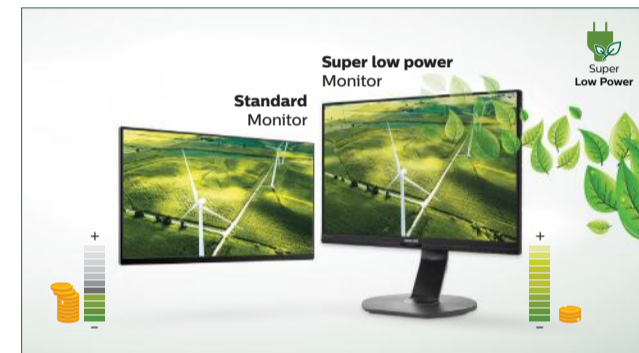
Recyclable packaging

Packed in 100% recyclable packing materials and paper cushion that are non-EPE (Expanded polyethylene). They are biodegradable and can be recycled, thus greatly diminish waste and cost, for a more sustainable eco-living.



Eco-friendly materials for sustainability

Eco-friendly materials that meet strict RoHS standards are used. From metal chassis to packaging, materials are 100% recyclable and up to 85% post-consumer recycled plastics in selected models. Entirely free of toxic substances, such as lead, mercury, halogen and PVC/BFR for minimal environmental impact, these green displays are TCO Edge-certified.



Super energy efficient design

Provides maximum saving of 15 W (typ.) based on Energystar7 test, to achieve a higher energy class of up to 40% greater saving, gaining EU EEI rating of A++. 0 watt hard switch completely cuts off AC power, meaning zero power consumption.



PowerSensor and LightSensor

PowerSensor's infrared technology transmits and receives signals to determine user presence to automatically adjust monitor brightness. Thus, energy cost is reduced by up to 80%. Meanwhile, LightSensor adjusts picture brightness according to room light conditions, for ideal picture performance at minimal power usage.



SmartErgo Base

Offers maximum ergonomic display comfort with people-friendly height, swivel, tilt and rotational angle adjustments to suit user preference in any environment. The base also provides cable management that reduces cable clutter and keeps workstation neat.



Philips Monitors

242B1G & 272B1G Green Leaflet (Inner)

Open Size: 42cm x 29.7cm

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ID: PM2004004