

## Philips 5000 series 24B1U5301H/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips Product family: 5000 series Product code: 24B1U5301H/00

Product name: 24B1U5301H/00

Haze rate

25%

Business Monitor 24B1U5301H LCD monitor with USB-C docking

Philips 5000 series 24B1U5301H/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise cancelling mic lets people hear you fine. Windows Hello Webcam for quick access and strong security.

Philips 5000 series 24B1U5301H/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black







Internal





Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	×	Pivot angle	-90 - 90°
Display brightness (typical)	300 cd/m <sup>2</sup>	Swivelling	✓
Response time *	4 ms	Swivel angle range	-180 - 180°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 30°
Contrast ratio (typical) *	1000:1	Picture-in-Picture	✓
Contrast ratio (dynamic)	50000000:1	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian Swedish, Turkish, Ukrainian
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	75 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°	Plug and Play	✓
Display number of colours *	16.7 million colours	LED indicators	Operation, Stand-by
Pixel pitch	0.2745 x 0.2745 mm	Power	
Pixel density	93 ppi	Energy efficiency class (SDR) *	E
Horizontal scan range	30 - 85 kHz	Energy consumption (SDR) per 1000	1
Vertical scan range	48 - 75 Hz	hours *	' 18 kWh
Viewable size, horizontal	52.7 cm	Power consumption (typical) *	15.3 W
Viewable size, vertical	29.6 cm	Power consumption (standby) *	0.3 W
Display diagonal (metric)	60.5 cm	AC input voltage	100 - 240 V
DDC/CI	✓	AC input frequency	50 - 60 Hz
and the second s			

Power supply type

Surface hardness	Display		Power	
Colour depth         8 bit         European Product Registry for Colour gamust standard         \$668         Energy Labelline (Peter Local Standard)         \$105%         Operating central cent		3H	Energy efficiency scale	A to G
MTSC coverage (typical)   88%   Operating temperature (T-T)   0 - 40 °C	Colour depth Colour gamut standard			1325579
Storage temperature (FTT)	sRGB coverage (typical)	105%	Operational conditions	
Performance	- ··		Operating temperature (T-T)	0 - 40 °C
INVIDIA G. SYNC * X		<b>√</b>	· ·	
MAID FreeSync				
Fast charging technology Power Delivery Fast charging technology Power Delivery Fast charging technology Power Delivery Power				
Fast charging technology         Power Delivery         Width (with stand)         205 mm           Component video sync         Separate sync         Depth (with stand)         205 mm           Low Blue Light technology         4         Height (with stand)         50 mm           Low Blue Light technology         4         Weight (with stand)         55 kg           Multimedia         Weight (with stand)         51 mm           Number of speakers         2         Depth (without stand)         323 mm           Bull-in speaker(s)*         4         Height (without stand)         3.9 kg           Bull-in incrophone         5 MP         Packaging data         3.9 kg           Bull-in incrophone         4         Package width         600 mm           Bull-in incrophone         4         Package width         600 mm           Bull-in in microphone         4         Package weight         198 mm           Design         4         Package weight         198 mm           Postage         Package weight         9.3 kg         9.3 kg           Product colour**         Black         Cables included         4         HDMI, DisplayPort, USB Type-C, AC           Ports & interfaces         Bundled software         SmartControl         4	•	<b>~</b>	, 3	
Component video sync         Separate sync         Depth (with stand)         205 mm           Low Blue Light technology         4         Height (with stand)         5.5 kg           Multimedia         Weight (without stand)         5.5 kg           Number of speakers         2         Depth (without stand)         31 mm           RMS rated power         5 W         Height (without stand)         32 mm           Bull-in speaker(s)*         4         Weight (without stand)         33 kg           Bull-in speaker(s)*         5 MP         Package with         600 mm           Built-in microphone         4         Package with         600 mm           Built-in camera*         4         Package height         198 mm           Design         Business         Package weight         198 mm           Market positioning*         Black         Package height         40 mm           Font bezel colour         Black         Package height         40 mm           Feet colour         Black         Stand included         JMM, DisplayPort, USB Type-C, AC           Vors & interfaces         Bundled software         Smartcontrol           USB upstream port type         USB Type-C         Sustainability compliance         Mercury, PVC/BFR           <	Fast charging technology	Power Delivery	•	540 mm
Flicker-free technology         4         Height (with stand)         5.0 mm           Multimedia         Weight (with stand)         5.5 kg           Number of speakers         2         Depth (without stand)         3.1 mm           Number of speakers         2         Depth (without stand)         3.2 mm           RMS rated power         5 W         Weight (without stand)         3.9 kg           Built-in speaker(s)         4         Height (without stand)         3.9 kg           Megapixel (approx.)         5 MP         Package depth         198 mm           Built-in marrophone         4         Package edepth         198 mm           Built-in marrophone         4         Package height         496 mm           Posting         4         Package height         496 mm           Market positioning **         Business         Package weight         8.32 kg           Product colour**         Black         Package height         496 mm           Front beal colour**         Black         Stand included         V           Feet colour         Black         Stantingter         SmartControl           USB hyber solivers         V         Builded software         SmartControl           USB type-A downstream ports (upath)	Component video sync	Separate sync		
Multimedia         Width (without stand)         5 40 mm           Number of speakers         2         Depth (without stand)         51 mm           RMS rated power         5 W         Height (without stand)         323 mm           Built-in speaker(s)*         4         Weight (without stand)         3,9 kg           Megapkel (approx.)         5 MP         Packaging data           Built-in microphone         4         Package width         600 mm           Built-in microphone         4         Package depth         198 mm           Design         Business         Package height         406 mm           Market positioning*         Black         Packaging content         8.32 kg           Front bezel colour         Black         Stand included         4           Foet colour         Black         Stand included         4           Feet colour         Black         Stand included         4           USB the busition USB hub*         4         Substainability         5           USB thub version         3.2 Gen 2 (3.1 Gen 2)         Sustainability         5           USB type-A downstream port type         USB Type-C         Sustainability certificate         ENERGY STAR, TCO           USB Type-C DisplayPort Alternate	Flicker-free technology	✓	•	500 mm
Number of speakers         2         Depth (without stand)         51 mm           RMS rated power         5 W         Height (without stand)         323 mm           Bullit-in speaker(s)         √         Weight (without stand)         3,9 kg           Bullit-in microphone         ✓         Package width         600 mm           Bullit-in microphone         ✓         Package depth         198 mm           Design         Jeackage height         406 mm           Market positioning **         Business         Package height         406 mm           Product colour **         Black         Package weight         8.32 kg           Front bezel colour         Black         Packaging content         **           Feet colour         Black         Stand included         √           Feet colour         Black         Stand included         HDMI, DisplayPort, USB Type-C, AC           Ports & interfaces         Bulle in USB hub *         ✓         Bundled software         SmartControl           USB Usb resion         3.2 Gen 2 (3.1 Gen 2)         Sustainability         SmartControl           USB prover Delivery         USB Type-C         Sustainability compliance         ✓           USB Type-C downstream ports         4         Compatible operating systems	Low Blue Light technology	✓	Weight (with stand)	5.5 kg
RNS rated power 5 W Height (without stand) 323 mm  Built-in speaker(s)*	Multimedia		,	
Megapker(s)*	Number of speakers		•	
Built-in microphone Built-in microphone Built-in camera*  / Package width Package depth 198 mm  Package depth 198 mm  Package depth 406 mm  Package wight 406 mm  Market positioning* Business Package wight 8.32 kg  Product colour* Black Package wight 8.32 kg  Product colour* Black Cables included 4 HDMI, DisplayPort, USB Type-C, AC  Ports & interfaces Built-in USB hub* USB hub* USB bub version 3.2 Gen 2 (3.1 Gen 2) USB Type-C Sustainability USB upstream port type USB Type-C Sustainability compliance VSB Type-A downstream ports quantity USB Type-C downstream ports quantity USB Type-C downstream ports quantity USB Type-C downstream ports QUSB Power Delivery VSB Power Delivery VSB Power Delivery USB Power Deliv	'		<del>-</del>	
Built-in microphone Built-in camera*	•	•		3.5 Ng
Yeakage depth         198 mm           Design         Package height         406 mm           Market positioning*         Business         Package weight         406 mm           Product colour*         Black         Packaging content           Front bezel colour         Black         Stand included         ✓           Feet colour         Black         Cables included         HDMI, DisplayPort, USB Type-C, AC           Ports & interfaces         Manual         ✓           Built-in USB hub*         ✓         Bundled software         SmartControl           USB type-K interfaces         Sustainability         ✓           USB upstream port type         USB Type-C         Sustainability compliance         ✓           USB type-A downstream ports quantity         1         Sustainability certificates         ENERGY STAR, TCO           USB Type-C downstream ports quantity         1         Other features         Mercury, PVC/BFR           USB Type-C DisplayPort Alternate Mode         ✓         Other features         ✓           USB Power Delivery         ✓         Very Compatible operating systems         7         Textured           USB Power Delivery         ✓         Picture-by-Picture (PbP)         ✓         Certain Compatible operating systems <td></td> <td><b>✓</b></td> <td></td> <td>600 mm</td>		<b>✓</b>		600 mm
Design         Package height         406 mm           Market positioning **         Business         Package weight         8.32 kg           Product colour **         Black         Packaging content           Front bezel colour         Black         Stand included         HDMI, DisplayPort, USB Type-C, AC           Ports & interfaces         Manual         ✓           Built-in USB hub **         ✓         Sustainability           USB ubs version         3.2 Sen 2 (3.1 Gen 2)         Sustainability           USB upstream port type         USB Type-C         Sustainability compliance         ✓           Number of upstream ports         1         Sustainability certificates         ENERGY STAR, TCO           USB Type-A downstream ports         4         Obesn't contain         Mercury, PVC/BFR           USB Type-C downstream ports         1         Obesn't contain         Mercury, PVC/BFR           USB Type-C downstream ports         4         Obesn't contain         Mercury, PVC/BFR           USB Type-C DisplayPort Alternate         V         Obesn't contain         Mac OS X Windows 11/10 / 8.1 / 8.7           USB Type-C DisplayPort Alternate         V         DisplayPort alternate         V         Mac OS X Windows 11/10 / 8.1 / 8.7           USB Power Delivery         V         <	Built-in camera *	✓	•	
Product colour* Black Stand included Front bezel colour Black Stand included HDMI, DisplayPort, USB Type-C, AC Manual Front Standard Standard Standard Standard Front Standard St	Design			
Front bezel colour Feet colour Black Black Cables included HDMI, DisplayPort, USB Type-C, AC  Ports & interfaces  Built-in USB hub* V Bundled software Bundled	Market positioning *	Business	Package weight	8.32 kg
Feet colour Black Cables included HDMI, DisplayPort, USB Type-C, AC  Ports & interfaces  Built-in USB hub *	Product colour *	Black	Packaging content	
Ports & interfaces			Stand included	✓
Built-in USB hub    VSB rype-C USB type-A downstream ports quantity USB Type-C losplayPort Alternate Mode USB Power Delivery up to USB Power Deliv	Feet colour	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
USB hub version  3.2 Gen 2 (3.1 Gen 2)  USB upstream port type  USB Type-C  Number of upstream ports  1  Sustainability compliance  Very, PVC/BFR  USB Type-A downstream ports  quantity  USB Type-C downstream ports quantity  USB Type-C DisplayPort Alternate Mode  USB Type-C DisplayPort Alternate Mode  USB Power Delivery  USB Power Delivery  USB Power Delivery vp to  90 W  Exterior finish type  Exterior finish type  Textured  HDMI *  VPicture enhancement  Mode  HDMI version  1.4  Exerciclable packaging material  USB playPorts quantity  1  Regulatory Approvals  USB-CELLUS-CELUS-CELLUS-CELUS-CELUS-CELLUS-CELLUS-CELLUS-CELLUS-CELLUS-CELUS-CELLUS-CELLUS-CELLUS-CELU				
USB Upstream port type  Number of upstream ports 1 Sustainability certificates ENERGY STAR, TCO USB Type-A downstream ports QUSB Type-C downstream ports QUSB Type-C downstream ports QUSB Type-C downstream ports QUSB Type-C displayPort Alternate Wode USB Type-C DisplayPort Alternate Wode USB Power Delivery USB Power		· ·		SmartControl
Number of upstream ports 1 Sustainability certificates ENERGY STAR, TCO USB Type-A downstream ports quantity  USB Type-C downstream ports quantity  USB Type-C DisplayPort Alternate quantity  USB Type-C DisplayPort Alternate quantity  USB Type-C DisplayPort Alternate quantity  USB Power Delivery  USB Power Delivery  USB Power Delivery up to quantity  HDMI *  **Y**  **Y**  **Include Picture (PbP)  USB Power Delivery up to quantity  **Include Picture quantity  USB Power Delivery up to quantity			•	
USB Type-A downstream ports quantity  USB Type-C downstream ports quantity  USB Type-C DisplayPort Alternate Mode  USB Type-C DisplayPort Alternate Mode  USB Power Delivery  USB Power Delivery  USB Power Delivery up to  USB Power Delivery up to  USB Power Delivery  USB Power Delivery up to  Picture-by-Picture (PbP)  Exterior finish type  Textured  HDMI *  HDMI *  Ficture enhancement  SmartImage  HDMI ports quantity  I Recyclable packaging material  100%  CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified; CETLus  Headphone out *  HDCP  HDCP  HDCP  HDCP version  I.4/2.2  Light sensor  EasyRead mode  LowBlue mode  Compliance certificates  ROHS  Network  Ethernet LAN  Wake-on-LAN  Recycling data		* *		
Quantity USB Type-C downstream ports quantity USB Type-C DisplayPort Alternate Mode USB Type-C DisplayPort Alternate Mode USB Power Delivery up to USB Power Delivery Usa Usa US	· ·			•
USB Type-C DisplayPort Alternate Mode  USB Type-C DisplayPort Alternate Mode  USB Power Delivery  USB Power Delivery  USB Power Delivery up to  USB Power Deliver (PbP)  Vexture Chapp  Textured  USB Power Deliver (PbP)  Vexture Depletion 100%  Eagulatory Approvals  USB Power Deliver (PbP)  Vexture Depletion 100%  Eagulatory Approvals  USB Power Deliver (PbP)  Vexture Depletion 100%  USB Power Deliver (PbP)  Vexture Depletion 100%  Textured  Textured  USB Power Deliver (PbP)  Vexture Depletion 100%  Textured  T		7		. 10.00. 37 . 1 0,21 . 1
USB Type-C DisplayPort Alternate Mode  Compatible operating systems  Compatible operating systems  Picture-by-Picture (PbP)  USB Power Delivery up to  90 W  Exterior finish type  Exterior finish type  Textured  HDMI *  HDMI ports quantity  1  Recyclable packaging material  DisplayPorts quantity  1  Regulatory Approvals  CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified; cETLus  Headphone out *  HDCP version  DisplayPort output  Network  Network  Regulatory Approvals  Compatible operating systems  Mac OS X Windows 11 / 10 / 8.1 / 8 / 7  Mac OS X Windows 11 / 10 / 8 / 7  Mac OS X Windows 11 / 10 / 8  Mac OS X Windows 11 / 10 / 8  Mac OS X Windows 11 / 10 / 8  Mac OS X Windows 11 / 10 / 8  Mac OS X Windows 11 / 10 / 8  CEIC Mark; FCC Class B; ICES-003; CU-EAC; EAU RoHS; TUV Ergo; TUV/GS; TUV		1		J
USB Power Delivery USB Power Delivery up to  90 W Exterior finish type Ficture enhancement Ficture enhance		1	• • • • • • • • • • • • • • • • • • • •	
USB Power Delivery up to 90 W Exterior finish type Textured  HDMI *			, , , , , ,	
HDMI *	•	•	• • • • • • • • • • • • • • • • • • • •	
HDMI ports quantity  HDMI version  1.4  Regulatory Approvals  CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified; CETLus  Headphone out *  HDCP  HDCP version  1.4/2.2  Light sensor  EasyRead mode  LowBlue mode  LowBlue mode  Compliance certificates  RoHS  Network  Mean time between failures (MTBF)  The province of th	• •		<b>,</b> ,	
HDMI version 1.4  DisplayPorts quantity 1 DisplayPort version 1.4  Headphone out * HDCP	HDMI ports quantity	1		J .
DisplayPort version 1.4 Regulatory Approvals TUV/GS; TUV Eye Comfort certified; cETLus  Headphone out *	HDMI version	1.4	,	
Headphone out *	DisplayPorts quantity		Regulatory Approvals	
HDCP	• •			
HDCP version  1.4/2.2  LowBlue mode  LowBlue mode  Compliance certificates  Network  Mean time between failures (MTBF)  Ethernet LAN  Thermoet LAN  Recycling data  Faculty Sead mode  LowBlue mode  Compliance certificates  RoHS	•	<b>*</b>	-	✓
DisplayPort output  Compliance certificates  RoHS  Mean time between failures (MTBF)  70000 h  Ethernet LAN data rates  Wake-on-LAN  Recycling data  RoHS  70000 h  10,100,1000 Mbit/s  Recycling data		1.4/2.2	•	
NetworkMean time between failures (MTBF)70000 hEthernet LAN✓Ethernet LAN data rates10,100,1000 Mbit/sWake-on-LAN✓Recycling data	DisplayPort output	✓		•
Ethernet LAN    Ethernet LAN data rates	Network		·	
Recycling data	Ethernet LAN	✓		
			Wake-on-LAN	✓
Post-consumer recycled plastic 85%			Recycling data	
			Post-consumer recycled plastic	85%



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