

**PANTUM**

# **THE EXACT COLOR PRINTER FOR YOUR HOME AND BUSINESS**

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**COLOR LASER SINGLE FUNCTION PRINTER  
- VIBRANT 20 SERIES**

CP2100SERIES/CM2100 SERIES



[WWW.PANTUM.COM](http://WWW.PANTUM.COM)

*Running forward*



## CP2100 MODELS

Speed and quality are intertwined, as evidenced by the Pantum 20ppm Vibrant 20 Series color laser printer. It prints swiftly to cater to your efficient demands, be it for homework, office paperwork, or creative projects. Its new and sleek appearance blends seamlessly with your office setup, exuding fashion and elegance. The intelligent interaction feature is a well-thought-out design, ensuring you enjoy better convenience. With its automatic duplex printing capability, no need for manual operation, preserves your valuable time and energy.

The entire process, from power-on to printing and from operation to maintenance, has been meticulously designed with attention to detail, all aimed at providing you with the most seamless and comfortable experience.

### **【Printing】**

20ppm(A4), 21ppm(LTR)

### **【Duplex】**

Auto duplex printing

### **【Paper handling】**

Standard 250 pages

### **【Control panel】**

2-line LCD

### **【Mobile printing】**

Airprint, Mopria, Pantum APP

\*The specifications are may differ from the model

## HIGH PRODUCTIVITY TO IMPROVE WORK EFFICIENCY



### Satisfying printing speed

Both color and mono documents can be printed quickly, with a printing speed of up to 20ppm, reducing waiting time and improving productivity.



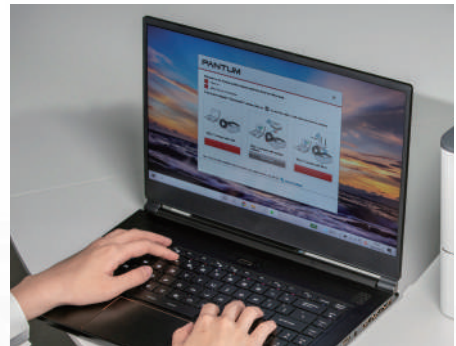
### Fast startup, low power consumption

By adopting the ceramic heating method, the printing job can be initiated rapidly, resulting in time and electricity savings, as well as enhanced efficiency. Comply with Energy Star 3.0.



### Automatic duplex printing

Enjoy the convenience of auto duplex printing, without additional steps with every print job. Reduce paper waste by 50% effortlessly, making printing more convenient, budget-friendly, and eco-friendly at the same time.



### One-click driver installation

Users no need to learn about the complicated instructions that can install the printer driver just with one click and start printing.

# ENHANCED CONNECTIVITY

## CONVENIENT MOBILE PRINTING



### More connecting options

Wired network, wireless network, Bluetooth, USB, shared printer. Provides more connection options, supporting wired network, wireless network, Bluetooth, USB, shared printer and other connection methods. Wireless and wired sharing device with multiple users on your network.

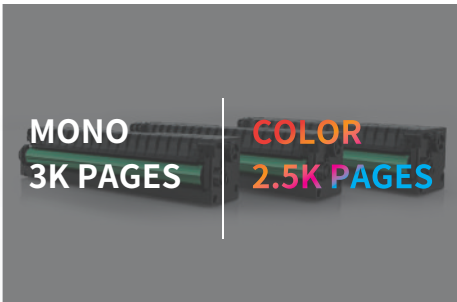


### Convenient mobile printing

Wi-Fi Direct, Airprint, Mopria, Pantum APP. The Wi-Fi models support AirPrint, Mopria, WiFi direct connection, WiFi configuration via Bluetooth (iOS 11.0~16.0/Android 6.0~12.0), and Pantum App, enabling users to enjoy wireless printing from various mobile devices, not only mobile phones. You can print your documents from almost everywhere if you want.

# OPTIMISING

## COST-EFFECTIVE



### Meet high print volume needs

Provides a variety of cartridge capacity options, with mono up to 3K pages and color up to 2.5K pages. Reduces the need for frequent toner cartridge replacements and provides lower CPP.

### Print colored text in black

Enhance the color image output while maintaining a clear printing effect for the text, helping users save color toner, and reduce printing costs.





### Toner-saving mode

When the toner-saving mode is "on", the color of the printed output will be lighter, which is suitable for users who pursue printing cost advantages.



### Continues mono printing without color toner

When the color toner cartridge is depleted and cannot be replaced promptly, users have the option to continue printing in black and white. This option allows users to fulfill their printing needs without interruption.

## INTELLIGENT AND USER FRIENDLY



### Small size

With its compact body, you can place the printer anywhere at home or in the office without taking up space.



### Metal frame structure

The metal body of the machine provides a longer-lasting, more durable and more stable use experience.



### Consumables seal built-in design

The seal is built-in and can be pulled open automatically by the machine, which is easy for users to operate while achieving a good sealing effect and preventing the toner from polluting users' hands when tearing off the seal.



### Modern appearance design

New appearance design, fashionable and elegant, perfect integration into your office environment. Integrated built-in paper tray design, the paper is not easy to moisture, reduce paper jams caused by humid weather conditions. Intelligent interaction function makes you enjoy an unprecedented convenient experience.

## DESIGNED WITH HIGH SECURITY



### Enhanced network security functions

With the ability to prevent vulnerability attacks, it is tested by authoritative vulnerability scanning tools such as Nessus and AWVS, and obtains excellent security assessment results. Provide users with more secure and trustworthy network service guarantee.



### Dynamic monitoring

Dynamic monitoring of key firmware programmes to prevent invasion and tampering of key programmes during operation.



### Security upgrade

Secure OTA upgrade, through 3 secure authentication and 4 encryption mechanism, to ensure the security of the printer firmware upgrade.

## MORE FUNCTIONS TO MEET USER NEEDS



### Borderless printing

leaving no margins around the printed paper. It can meet office needs such as stamped document printing, which is more convenient and trouble-free.



## Watermark printing

Watermark can be used as the source of copyright for anti-counterfeiting marks and explanatory documents. You can set your own watermarks and the driver supports watermark of texts, photos and dynamic ones.

## Booklet/poster/multi-page printing

Support poster printing (2x2, 3x3, 4x4), multi-page printing (2in1, 4in1, 8in1, 16in1), booklet printing, zoom printing, reverse order printing, etc.



**VIBRANT 20 SERIES**  
**CP2100 SERIES**



PRODUCT	CP2100D	CP2100DN	CP2100DW
<b>CONNECTIVITY</b>	<b>USB</b>	<b>USB + NET</b>	<b>USB + NET+ WI-FI</b>
<b>PRINTING</b>			
Print speed	20ppm(A4)/21ppm(Letter)	20ppm(A4)/21ppm(Letter)	20ppm(A4)/21ppm(Letter)
First print out time	Mono: 10s; Color: 12s	Mono: 10s; Color: 12s	Mono: 10s; Color: 12s
Printer language	GDI	GDI	GDI
Processor speed	500MHz	500MHz	500MHz
Memory	512MB	512MB	512MB
Hard disk	128MB	128MB	128MB
Recommended monthly page volume	150 to 1,500 pages	150 to 1,500 pages	150 to 1,500 pages
Maximum monthly duty cycle	30,000 pages	30,000 pages	30,000 pages
Control panel	LED	2-line LCD	2-line LCD
Auto duplex printing	YES	YES	YES
Duplex print speed	6ppm	6ppm	6ppm
Mobile printing	-	Airprint, Mopria, PANTUM App	Airprint, Mopria, PANTUM App, WIFI Direct
Wired printing	-	YES	YES
Standard ports	USB 2.0	USB2.0;10/100/1000 Base-Tx	USB 2.0 (High Speed); IEEE 802.3 10/100 Base-Tx; IEEE 802.11b/g/n
<b>PAPER HANDLING</b>			
Paper input capacity	250 pages	250 pages	250 pages
Multipurpose tray	1 page	1 page	1 page
Paper output capacity	100 pages	100 pages	100 pages
Paper output detection	YES	YES	YES
Media size	A4, Letter, Legal, Folio, Oficio, JIS B5, ISO B5, Executive, Statement, A5, Big16K, 16K, Big32K, 32K, A6, No.10 Env, Monarch Env, DL Env, C5 Env, C6 Env, Yougata4, Younaga3, Nagagata3, Yougata2, ZL, Postcard, B6, Japanese Postcard		
Media weight	Standard tray: 60-105g/m <sup>2</sup> ; Multipurpose tray: 60-176g/m <sup>2</sup>		
<b>GENERAL</b>			
Machine dimension(W*D*H)	400*401*225 mm	400*401*245 mm	400*401*245 mm
Printer net weight	15.3 Kg	15.3 Kg	15.3 Kg
Power	AC 110-127V (±10%), 50/60Hz (±3Hz), 8A; AC 220-240V (±10%), 50Hz (±3Hz), 4A		
Print environment	Operating temperature: 10-32°C; Relative humidity: 20-80% RH; Altitude: ≤3,000 m		
Energy star	Energy Star 3.0	Energy Star 3.0	Energy Star 3.0
Operating system compatibility	Windows: Windows XP/Windows 7/Windows 8/Windows 8.1/Windows 10/Windows 11/ Windows server 2008/2012/2016/2019; Mac: Mac 10.8~12; Linux: Ubuntu 16.04, 18.04, 20.04, Debian 10.0, Centos 7(32/64 Bit), Astra Linux Special Edition V1.6, Redhat 8.0.0, Centos 8.2(64 Bit) iOS 11.0-16.3 Andriod 6.0-13.0		
<b>CONSUMABLE</b>			
Consumable type	One-piece	One-piece	One-piece
Starter cartridge	CTL-*2100C/M/Y: 1,000 pages; CTL-*2100K: 1,500 pages		
Standard cartridge	CTL-*2100HC/HM/HY: 2,500 pages; CTL-*2100HK: 3,000 pages		
Waste powder bottle	CWT-2100: 15,000 pages	CWT-2100: 15,000 pages	CWT-2100: 15,000 pages



## CM2100 MODELS

Speed and quality are intertwined, as evidenced by the Pantum 20ppm Vibrant 20 Series color laser printer. It prints swiftly to cater to your efficient demands, be it for homework, office paperwork, or creative projects. Its new and sleek appearance blends seamlessly with your office setup, exuding fashion and elegance. The intelligent interaction feature is a well-thought-out design, ensuring you enjoy better convenience. With its automatic duplex printing capability, no need for manual operation, preserves your valuable time and energy. The entire process, from power-on to printing and from operation to maintenance, has been meticulously designed with attention to detail, all aimed at providing you with the most seamless and comfortable experience.

### **【Printing】**

20ppm(A4), 21ppm(LTR)

### **【Duplex】**

Auto duplex printing

### **【ADF capacity】**

50 pages

### **【Paper handling】**

Standard 250 pages

### **【Control panel】**

3.5 inch touch screen

### **【Mobile printing】**

Airprint, Mopria, Pantum APP

\*The specifications are may differ from the model

# HIGH PRODUCTIVITY TO IMPROVE WORK EFFICIENCY



## Satisfying printing speed

Both color and mono documents can be printed quickly, with a printing speed of up to 20ppm, reducing waiting time and improving productivity.



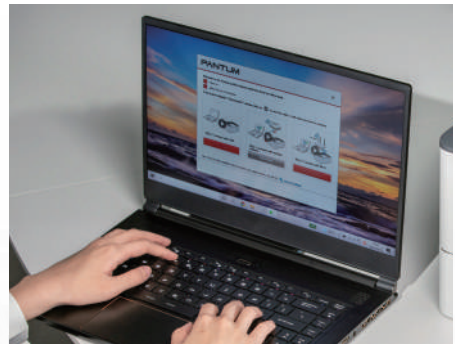
## Fast startup, low power consumption

By adopting the ceramic heating method, the printing job can be initiated rapidly, resulting in time and electricity savings, as well as enhanced efficiency. Comply with Energy Star 3.0.



## Automatic duplex printing

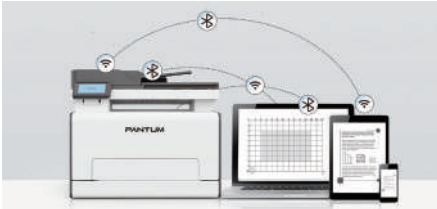
Enjoy the convenience of auto duplex printing, without additional steps with every print job. Reduce paper waste by 50% effortlessly, making printing more convenient, budget-friendly, and eco-friendly at the same time.



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Users no need to learn about the complicated instructions that can install the printer driver just with one click and start printing.

## ENHANCED CONNECTIVITY CONVENIENT MOBILE PRINTING



### More connecting options

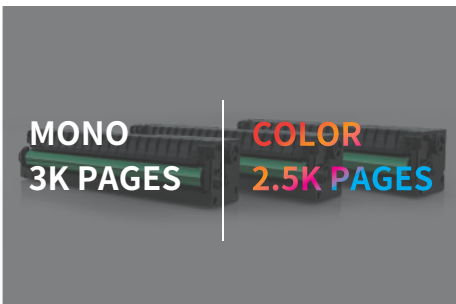
Wired network, wireless network, Bluetooth, USB, shared printer.  
Provides more connection options, supporting wired network, wireless network, Bluetooth, USB, shared printer and other connection methods. Wireless and wired sharing device with multiple users on your network.



### Convenient mobile printing

Wi-Fi Direct, Airprint, Mopria, Pantum APP. The Wi-Fi models support AirPrint, Mopria, WiFi direct connection, WiFi configuration via Bluetooth (iOS 11.0~16.0/Android 6.0~12.0), and Pantum App, enabling users to enjoy wireless printing from various mobile devices, not only mobile phones. You can print your documents from almost everywhere if you want.

## OPTIMISING COST-EFFECTIVE



### Meet high print volume needs

Provides a variety of cartridge capacity options, with mono up to 3K pages and color up to 2.5K pages. Reduces the need for frequent toner cartridge replacements and provides lower CPP.

### Print colored text in black

Enhance the color image output while maintaining a clear printing effect for the text, helping users save color toner, and reduce printing costs.





### Toner-saving mode

When the toner-saving mode is "on", the color of the printed output will be lighter, which is suitable for users who pursue printing cost advantages.



### Continues mono printing without color toner

When the color toner cartridge is depleted and cannot be replaced promptly, users have the option to continue printing in black and white. This option allows users to fulfill their printing needs without interruption.

## INTELLIGENT AND USER FRIENDLY



### Intelligent interaction

Clear and dynamic visuals effortlessly guide you through various operations. Help you easily handle a multitude of tasks with ease and efficiency.



### New UI style

This series is equipped with Pantum's latest UI style, which is more modern, flat, simplified and colorful, making users' lives more colorful.



### 3.5 inch touch screen

Users can enjoy intuitive navigation with the 3.5-inch touch screen of CM2100A series. The adjustable panel can be angled up to 60°, allowing users to operate it at various angles to meet different needs.



### Consumables seal built-in design

The seal is built-in and can be pulled open automatically by the machine, which is easy for users to operate while achieving a good sealing effect and preventing the toner from moisture, avoiding the toner from polluting users' hands when tearing off the seal.

## DESIGNED WITH HIGH SECURITY



### Enhanced network security functions

With the ability to prevent vulnerability attacks, it is tested by authoritative vulnerability scanning tools such as Nessus and AUVS, and obtains excellent security assessment results. Provide users with more secure and trustworthy network service guarantee.



### Dynamic monitoring

Dynamic monitoring of key firmware programmes to prevent invasion and tampering of key programmes during operation.



### Security upgrade

Secure OTA upgrade, through 3 secure authentication and 4 encryption mechanism, to ensure the security of the printer firmware upgrade.

## MORE FUNCTIONS TO MEET USER NEEDS



### Borderless printing

leaving no margins around the printed paper. It can meet office needs such as stamped document printing, which is more convenient and trouble-free.

### OCR

It has the ability to detect and extract text from images, PDF files, and scanned documents, and convert them into editable formats such as DOCX, XLS, XLSX, PPTX, TXT, and searchable PDFs. It also supports various image formats including BMP, JPEG, JPEG 2000, PNG, and TIFF. With an impressive recognition rate of over 95%, OCR ensures accurate and efficient text recognition.



### Watermark printing

Watermark can be used as the source of copyright for anti-counterfeiting marks and explanatory documents. You can set your own watermarks and the driver supports watermark of texts, photos and dynamic ones.

### Booklet/poster/multi-page printing

Support poster printing (2x2, 3x3, 4x4), multi-page printing (2in1, 4in1, 8in1, 16in1), booklet printing, zoom printing, reverse order printing, etc.



# VIBRANT 20 SERIES CM2100 SERIES



*Running Forward*

PRODUCT	CM2100DN	CM2100DW
<b>CONNECTIVITY</b>	USB + NET	USB + NET + WI-FI
<b>PRINTING</b>		
Print speed (A4/Letter)	20ppm(A4)/21ppm(Letter)	20ppm(A4)/21ppm(Letter)
First print out time	Mono: 10s; Color: 12s	Mono: 10s; Color: 12s
Printer language	GDI	GDI
Recommended monthly page volume	150 to 1,500 pages	150 to 1,500 pages
Maximum monthly duty cycle	30,000 pages	30,000 pages
Control panel	2-line LCD	2-line LCD
Recommended monthly page volume	150 to 1,500 pages	150 to 1,500 pages
Duplex printing	Auto	Auto
<b>COPY</b>		
Copy speed	-	-
Copy mode	Text/Image/Text+Image/Auto(default)	Text/Image/Text+Image/Auto(default)
Max. copy page	99 pages	99 pages
Copy reduce/enlarge settings	25%-400%	25%-400%
Copy function	ID copy; Receipt copy; N-up copy; Clone copy; Poster copy	ID copy; Receipt copy; N-up copy; Clone copy; Poster copy
<b>SCAN</b>		
Scanner type	Flatbed	Flatbed
Scan technology	CIS	CIS
Scan mode	Color, Gray, Monochrome	Color, Gray, Monochrome
Scan to	PC/Email/FTP	PC/Email/FTP/ios/Android
ADF capacity	-	-
Scan to USB	-	-
Scan format	Windows/Mac: Pull scan: PDF/TIFF/JPG/BMP/PNG/OFD Push scan: PDF/TIFF/JPG Linux: Pull scan: PDF/TIFF/JPG/BMP/PNG	
<b>PAPER HANDLING</b>		
Paper input capacity	250 pages	250 pages
Multipurpose tray	1 page	1 page
Paper output capacity	100 pages	100 pages
Media size	A4/Letter/Legal/Folio/Oficio/JIS B5/ISO B5/Executive/Statement/A5/big 16K/16K/big 32K/32K/ A6/No.10 Env/ Monarch Env/DL Env/CS Env/C6 Env/Yougata4/Yougata3/Nagagata3/Yougata2/ZL Env/ Postcard/B6/Japanese Postcard Customize: 96*148mm~216*356mm	
Media weight	Standard tray: 60~105g/m <sup>2</sup> ; Multipurpose tray: 60~176g/m <sup>2</sup>	
<b>GENERAL</b>		
Machine dimension (W*D*H)	415*403*303mm	415*403*303mm
Printer net weight	18.2 Kg	18.2 Kg
Connectivity	USB2.0 (High Speed); IEEE802.3 10/100 Base-Tx	USB2.0 (High Speed); IEEE802.3 10/100 Base-Tx; IEEE802.11b/g/n
Power	110V Model: AC 100-127V(±10%), 50/60Hz(±3Hz), 8A 220V Model: AC 220-240V(±10%), 50/60Hz(±3Hz), 4A	
Print environment	Operating temperature: 10~32°C; Relative humidity: 20%-80% RH; Altitude: ≤3,000 m	
Operating system compatibility	Windows: Windows XP/Windows 7/Windows 8.1/Windows 10/Windows 11/Server 2008/ Server 2008 R2/Server 2012 R2/Server 2016/Server 2019; Mac: Mac 10.8~12 Linux: Ubuntu16.04/Ubuntu18.04/Ubuntu20.04/Debian 10.0/Centos 7/Astra Linux Special Edition V1.6/ Redhat 8.0/Centos 8.2; Google Chrome: 109.0.5414.125~110.0.5481.181; iOS: 11.0~16.3; Android: 6.0~13.0	
<b>CONSUMABLE</b>		
Consumable type	One-piece	One-piece
Starter cartridge	CTL-*2100C/M/Y: 1,000 pages; CTL-*2100K: 1,500 pages	
Standard cartridge	CTL-*2100HC/HM/HY: 2,500 pages; CTL-*2100HK 3,000 pages	
Waste powder bottle	CWT-2100: 15,000 pages	

**VIBRANT 20 SERIES**  
**CM2100 SERIES**



PRODUCT	CM2100ADN	CM2100ADW
<b>CONNECTIVITY</b>	<b>USB + NET</b>	<b>USB + NET + WI-FI</b>
<b>PRINTING</b>		
Print speed (A4/Letter)	20ppm(A4)/21ppm(Letter)	20ppm(A4)/21ppm(Letter)
First print out time	Mono: 10s; Color: 12s	Mono: 10s; Color: 12s
Printer language	GDI	GDI
Recommended monthly page volume	150 to 1,500 pages	150 to 1,500 pages
Maximum monthly duty cycle	30,000 pages	30,000 pages
Control panel	3.5-inch touch screen	3.5-inch touch screen
Recommended monthly page volume	150 to 1,500 pages	150 to 1,500 pages
Duplex printing	Auto	Auto
<b>COPY</b>		
Copy speed	20ppm(A4/Letter)	20ppm(A4/Letter)
Copy mode	Text/Image/Text+Image/Auto(default)	Text/Image/Text+Image/Auto(default)
Max. copy page	99 pages	99 pages
Copy reduce/enlarge settings	25%-400%	25%-400%
Copy function	ID copy; Receipt copy; N-up copy; Clone copy; Poster copy	ID copy; Receipt copy; N-up copy; Clone copy; Poster copy
<b>SCAN</b>		
Scanner type	Flatbed + ADF	Flatbed + ADF
Scan technology	CIS	CIS
Scan mode	Color, Gray, Monochrome	Color, Gray, Monochrome
Scan to	PC/Email/FTP/ USB flash disk	PC/Email/FTP/USB flash disk /iOS/Android
ADF capacity	50 pages	50 pages
Scan to USB	Yes	Yes
Scan format	Windows/Mac: Pull scan: PDF/TIFF/JPG/BMP/PNG/OFD Push scan: PDF/TIFF/JPG Linux: Pull scan: PDF/TIFF/JPG/BMP/PNG	
<b>PAPER HANDLING</b>		
Paper input capacity	250 pages	250 pages
Multipurpose tray	1 page	1 page
Paper output capacity	100 pages	100 pages
Media size	A4/Letter/Legal/Folio/Oficio/JIS B5/ISO B5/Executive/Statement/A5/big 16K/16K/big 32K/32K/ A6/No.10 Env/ Monarch Env/DL Env/CS Env/C6 Env/Yougata4/Yougata3/Nagagata3/Yougata2/ZL Env/ Postcard/B6/Japanese Postcard Customize: 96*148mm~216*356mm	
Media weight	Standard tray: 60~105g/m <sup>2</sup> ; Multipurpose tray: 60~176g/m <sup>2</sup>	
<b>GENERAL</b>		
Machine dimension (W*D*H)	415*403*346mm	415*403*346mm
Printer net weight	19.45 Kg	19.45 Kg
Connectivity	USB2.0 (High Speed); IEEE802.3 10/100 Base-Tx	USB2.0 (High Speed); IEEE802.3 10/100 Base-Tx; IEEE802.11b/g/n
Power	110V Model: AC 100-127V(±10%), 50/60Hz(±3Hz), 8A 220V Model: AC 220-240V(±10%), 50/60Hz(±3Hz), 4A	
Print environment	Operating temperature: 10~32°C; Relative humidity: 20%-80% RH; Altitude: ≤3,000 m	
Operating system compatibility	Windows: Windows XP/Windows 7/Windows 8.1/Windows 10/Windows 11/Server 2008/ Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019; Mac: Mac 10.8~12 Linux: Ubuntu16.04/Ubuntu18.04/Ubuntu20.04/Debian 10.0/Centos 7/Astra Linux Special Edition V1.6/ Redhat 8.0/Centos 8.2; Google Chrome: 109.0.5414.125~110.0.5481.181; iOS: 11.0~16.3; Android: 6.0~13.0	
<b>CONSUMABLE</b>		
Consumable type	One-piece	One-piece
Starter cartridge	CTL-*2100C/M/Y: 1,000 pages; CTL-*2100K: 1,500 pages	
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