MPI

Compuprint

Printing and Scanning Solutions

The former 4247 line

IBM | RICOH | IBM InfoPrint Solutions Company | RICOH InfoPrint Solutions

4247 plus Series

4247-X03plus

4247-Z03plus

4247-L03plus

4247 plus is the ultimate high-end serial dot matrix printing platform. With an incredibly rugged and robust industrial design, unparalleled output performance, and powerful remote management tools, the *4247 plus* exceeds the requirements of the most demanding industrial and logistical environments. They are now fully equipped with standard Parallel, Serial, USB 2.0 and Lan interfaces, available also with support for IPDS™.

INDUSTRIAL DESIGN

- Heavy duty industrial design for the harshest of print environments
- Durable, all metal covers on the 4247-Z03plus

REMOTE MANAGEMENT

- Real-time status updates, remote configuration of multiple printers, and access to a fully functional virtual operator panel

EASY TO USE

- Customizable intelligent forms handling for up to 8 templates
- Optional second tractor for two application support

HIGH PERFORMANCE

- Unmatched print speeds of up to 1.300 cps and 860 pages/hour
- Optimal performance for up to 75.000 pages per month

INTELLIGENT MAIL BARCODE

- Maximize mail stream visibility, and achieve the best US Postal Service™ rates with IM barcode compatibility

IPDS SUPPORT

- IPDS™ Systems Application Architecture host-to-printer data Stream for Advanced Presentation Subsystems

Mantenimiento Periféricos Informáticos SL C/Canteras,15 - 22860 Paracuellos de Jarama (Madrid) tel: 917 481 604 web:https://mpi.com.es/

SPECIFICATIONS

PRINT TECHNOLOGY

4247-L03	24-Pin serial dot matrix printer - 136 columns @10cpi
4247-X03 4247-Z03	18-Pin serial dot matrix printer 136 columns @10cpi

THROUGHPUT (ISO/IEC 10561 - @10CPI)

	DIN Letter	Spreadsheet
4247-L03	Up to 610 PPH	Up to 380 PPH
4247-X03	Up to 660 PPH	Up to 450 PPH
4247-Z03	Up to 860 PPH	Up to 590 PPH

THROUGHPUT (@10CPI)

Chars per Line	40	80	136
4247-L03	410 LPM	290 LPM	210 LPM
4247-X03	450 LPM	330 LPM	250 LPM
4247-Z03	620 LPM	460 LPM	325 LPM

PRINT SPEED (CPS) @ 10 CPI, 12 CPI, 15 CPI

4247-L03	**Draft**: 720, 840, 1050 **Best Draft**: 400, 800, 600 **NLQ**: 262, 315,400 **LQ**: 133, 160, 200
4247-X03	**DP Mode**: 800,960,960 **DP Text**: 480, 480, 480 **NLQ**: 232, 278, 348
4247-Z03	**Fast Draft**: 1100 **DP Mode**: 800,960,960 **DP Text**: 480, 480, 480 **NLQ**: 240, 240, 240

MEDIA SPECIFICATIONS

Media Type	Continuous Form, front loading
Width	76 to 432 mm (3 to 17 inches)
Length	78 to 610 mm (3 to 24 inches)
Weight	Top form: 55 to 150 g/m^2 Attached sheet: 45 to 75 g/m^2
Copies	1 + 7
Max Thickness	0.635 mm (0.025 inches)

MEDIA HANDLING

4247-L03	Front tractor push 4 pin Additional front tractor push 4 pin
4247-X03 4247-Z03	Front tractor push 6 pin with jam sensor Additional tractor push 6 pin with jam sensor

LINE LENGTH (NUMBER OF CHARACTERS)

10 cpi	136	17.1 cpi	233
12 cpi	163	20 cpi	272
15 cpi	204	24 cpi	326

HORIZONTAL SPACING

4247-L03	10, 12, 15, 16.7, 17.1, 20, 24 cpi & proportional
4247-X03 4247-Z03	10, 12, 15, 16.7, 17.1, 20 cpi & proportional

VERTICAL SPACING

4247-L03	6, 8, 12 lines per inch 3, 4, 6, 8, 12 lines per 30 mm n/72, /144, /216, /360 per inch
4247-X03 4247-Z03	6, 8, 12 lines per inch 3, 4, 6, 8, 12 lines per 30 mm n/72, n/144, n/216 per inch

GRAPHICS RESOLUTION (dpi)

4247-L03	**Horizontal**: 60, 80, 90, 120, 240, 360 **Vertical**: 60, 72 ,180, 360
4247-X03 4247-Z03	**Horizontal**: 60, 72, 80, 90, 120, 144, 240 **Vertical**: 72, 144

MEMORY

Input Buffer	128 Kb

CONNECTIVITY

4247-L03	USB 2.0, Parallel, Serial
4247-X03 4247-Z03	RS232, Ethernet 10/100
4247-X03Ipds	USB 2.0, Parallel, Serial
4247-ZX03Ipds	RS232, Ethernet 10/100 Ipds

RIBBON LIFE (@ Draft)

4247-L03	15 Million Character Yield - Black
4247-X03 4247-Z03	25 Million Character Yield - Black

PRINTHEAD LIFE

4247-L03	700 Million Character Yield
4247-X03 4247-Z03	800 Million Character Yield

WORKLOAD

Pages Per Month (max. 4Hrs/day)	
4247-L03	50.000
4247-X03	57.000
4247-Z03	75.000

SPECIAL FUNCTIONS

Automatic paper path switching via panel or Software commands.
Automatic gap adjustment thickness of print head based on paper thickness.
Automatic fanfold position (zero tear-off).
Automatic paper parking of continuous forms.

OPERATING ENVIRONMENT

Operating Temp	10°÷40.6°C (50°÷105°F)
Operating Hum.	10%÷90% Relative Humidity
Storage Temp.	-35°÷65°C (-31°÷149°F)
Storage Hum.	5%÷95% Relative Humidity
Noise	54 dBA <54 dbA (4247-Z03)

PHYSICAL DIMENSIONS

4247-L03	670 x 450 x 320 mm, 21 Kg
4247-X03	26.4 x 17.7 x 12.6", 46.3 lbs
4247-Z03	721 x 399 x 351 mm, 33 Kg 28.4 x 15.7 x 13.8", 72.6 lbs

POWER REQUIREMENT

100 – 240V, Auto Range, (60 Hz - 50 Hz)

POWER CONSUMPTION

4247-L03	116W printing, 22W standby
4247-X03	120W printing, 30W standby
4247-Z03	160W printing, 30W standby

RELIABILITY

MTBF: 20.000 hours

SOFTWARE

RPMU for Remote Printer Management

DRIVERS

Drivers	Win10 (32/64), Win8 (32/64), Win7 (32/64), WinNT, 98_ME, 2000-WinXP, Win2003 (32/64), WinServer2008 (32/64), Vista

EMULATION TYPES

4247-L03	Epson ® ESC/P LQ Series, IBM ® Proprinter XL24, IBM ® Personal Printer 2391, ANSI 3.64 4247 native commands
4247-X03 4247-Z03	Epson ® FX Series, IBM ® Proprinter III XL, IBM ® Personal Printer 2381, ANSI 3.64 4247 native commands
4247-X03Ipds 4247-Z03Ipds	IBM 4224, IBM 4230 and 4247 native commands

FONTS AND BARCODES

(all models)	Draft , Courier, Gothic, OCR-A. OCR-B
4247-X03 4247-Z03	DP Quality, DP Text Quality, Near Letter Quality
4247-L03 only	Prestige, Script, Presentor
Barcodes (all models)	UPC-A, UPC-E, EAN-8, EAN-13, UPC/EAN ADD-ON 2, Postnet, UPC/EAN ADD-ON 5, Code39, Code128, Code11, Code93, MSI, Codabar, Code 2of5 Bidirectional/interleaved/Industrial/ Matrix, Code GP, Code BCD, C25-3BAR, Intelligent Mail BCode

CHARACTER SETS

Standard PC/IBM:
CS1, CS2 ; 13 EPSON and 23 ANSI national variations
IBM, EPSON, ANSI:
CP437 (USA), CP437G (Greek), CP437SL (Slavic), CP737 (Greek), CP813 (Greek/Latin), CP819 (Latin 1), CP850 (Multilingual), CP851 (Greek), CP852 (Eastern Eur.) CP853 (Turkey), CP855 (Cyrillic), CP857 (Turkey), CP858 (Euro PC Multilingual), CP860 (Portuguese), CP861 (Icelandic), CP862 (Hebrew), CP863 (Canadian French), CP864 (Arabic), CP865 (Denmark/Norway), CP866 (Russian), CP867 (Turkish2), CP869 (Greek), CP874 (Thai), CP876 (OCR-A), CP877 (OCR-B), CP912 (Latin2), CP913 (Latin 3), CP914 (Latin 4), CP915 (Cyrillic), CP916 (Latin 8), CP920 (Latin 5), CP921 (Baltic Multil.), CP922 (Estonian), CP923 (Latin 9) , CP1006 (Urdu), CP1046 (Arabic Ext.d), CP1089 (Latin) , CP1098 (Farsi), CP1116 (Estonia), CP1117, (Latvia), CP1118 (Lithuania), CP1250 (Central Europe Lat. 2), CP1251 (Cyrillic Windows), CP1252 (Latin 1 Windows), CP1253 (Greek Windows), CP1254 (Turkish Windows), CP1255 (Hebrew Windows), CP1256 (Arabic Windows), CP1257 (Baltic Windows), 96Greek, GOST, ROMAN-8, TASS, MAZOWIA, KOI8-U,UKRANIAN, Farsi 1, Farsi 2, KAMENICKY, CWI, IN2, BULGAR
ISO:
8859/1 (Latin1), 8859/2 (Latin2), 8859/3 (Latin3), 8859/4 (Latin4), 8859/5 (Latin/Cyrillic), 8859/6 (Latin/Arabic), 8859/7 (Latin/Greek), 8859/8 (Latin/Hebrew), 8859/9 (Latin5), 8859/15 (Latin9)

The former 4247 line

Ordering Information

Printers and Supplies

Compuprint 4247-L03 *plus*	45U2382P-C
Compuprint 4247-X03 *plus*	44D8400P-C
Compuprint 4247-Z03 *plus*	44D8508P-C
Compuprint 4247-X03 Ipds *plus*	44D8429P-C
Compuprint 4247-Z03 Ipds *plus*	44D8526P-C
Black Ribbon 15MC	41U2235-C
Black Ribbon 25 MC	57P1743-C

Options

Additional Tractor 4P (4247-L03)	44D8975-C
Additional Tractor 6P (4247-X03 /4247-Z03)	44D8978-C
Open Pedestal 4247-L03 /4247-X03	44D8973-C
Printer Stand (4247-Z03)	44D8959-C

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