

Serial Matrix Printers

Impact solutions for industrial
and logistic environments

The **fastest** Serial Printer today available in the Printing World

Compuprint 10300 combines performance and ruggedness of a Line Printer in a smaller layout

860 Page per Hour

460 Lines per Minute

800 Million Characters Print Head Life

Compuprint
10300

Compuprint 10300 adopts enhanced and improved electronic and mechanical solutions that move the real print performance to an unbeatable level. Such print performance combined with eight copies capability, dual tractors, wide range of barcodes, macrocharacters, emulations, interfaces and extraordinary global reliability make the **Compuprint 10300 unique**



Value and Features

- 24 pin print-head with 800 Million Characters life
- 860 Pages per Hour (PPH)
- 460 Lines per Minute (LPM)
- Supersedes 500 LPM line printer in many applications
- Superior performance in graphics printing
- Rugged and robust design
- Dual front straight paper paths and zero-tear-off
- 8 copies capability
- Parallel, Serial, USB 2.0 and LAN interfaces
- Wide range of barcodes and macro-characters

A leading-edge series for today and tomorrow

Compuprint 10300 integrates the latest Compuprint technology and innovation based on more than 30 years of leadership in the serial printer technology.

At the top of the Compuprint range, this model is the fastest printing serial impact device available in the world, in a ruggedised mechanism to support the most critical application needs of the Industry and Business organizations.

It represents the preferred choice for business and industrial printing applications requiring up to 75.000 (*) pages per month workload.

Fast, flexible, reliable

Compuprint 10300 delivers the performance of line printers in term of speed and reliability in legacy applications, while providing unmatched capabilities in today's growing graphic and Windows environments. A unique paper handling path for two simultaneous forms and the zero-tear-off capability make this printer the ideal solution for high demanding, mission critical requirements, yet flexible to support a variety of forms and documents.

For a broad range of connectivity and printing requirements

A wide set of interfaces and protocols allow the printer to connect in most contemporary environments, while providing security for future migration. With its fully integrated network capability, and its unique and optimized choices for quality and speed in graphics mode, Compuprint 10300 provides an ideal, innovative solution for industrial printing requirements of macro-characters, bar-codes and pre-printed forms printing.

(*) 4 hours a day for 22 days month.

COMPUPRINT

WE PRINT YOUR IDEAS

Printing Technology

24 pin serial dot matrix printer - 136 columns @ 10 cpi

Real Throughput (note 1)

| | Char. per line | 40 | 80 | 136 | | DIN Letter 10cpi | Spreadsheet 10cpi |
|------------------------------|---|---------|---------|--------|-------------------|---|-------------------|
| | LPM | 610 | 460 | 320 | ISO/IEC 10561 PPH | 860 | 560 |
| Printing speed (cps) | - | 10 cpi- | 12 cpi- | 15 cpi | | | |
| | HSD | 1300 | | | | Max printing speed (cps) 1600 | |
| | Draft | 950 | 1100 | 1400 | | (correlated to throughput data - compared with competition) | |
| | Best Draft | 500 | 600 | 600 | | | |
| | NLQ | 300 | 360 | 450 | | | |
| LQ | 150 | 180 | 225 | | | | |
| Paper handling | Continuous form: front loading - Fanfold width 76 to 432 mm (3 to 17 inches) Front push tractor 6 pin (BASE CONFIGURATION) Additional front push tractor 6 pin (optional) | | | | | | |
| Copies | 1 + 7 - max thickness 0,635 mm (0,025 inches) | | | | | | |
| Special functions | Automatic paper path switching via operator panel or SW commands Automatic Gap Adjustment (AGA) of print head based on paper thickness Automatic fanfold positioning (zero tear-off) Automatic paper parking of continuous form | | | | | | |
| Graphic resolution (dpi) | 60,80, 90 120,180, 360 (horizontal); 60, 72, 180, (vertical) | | | | | | |
| Vertical spacing | 6-8-12 lines/inch - 3-4-6-8-12 lines/30mm - n/60, n/72, -n/180 - n/216 -n/360 per inch | | | | | | |
| Horizontal spacing | 5, 6, 7.5, 8.5, 10, 12, 15, 17.1, 20, 24 cpi and proportional | | | | | | |
| Barcodes | UPC-A, UPC-E, EAN-8, EAN-13, UPC/EAN ADD-ON 2, UPC/EANADD-ON 5, Code 2 of 5 Bidirectional / Interleaved / Industrial / Matrix, Code 39, Code 128, Code 11, Code 93, MSI, Codabar, POSTNET | | | | | | |
| Character set | Standard PC IBM character sets: CS1, CS2 ; 13 EPSON national variations IBM and EPSON character sets: CP 437 (USA), CP437G (Greek), CP437SL (Slavic), CP850 (Multilingual), CP851 (Greek), CP852 (Eastern Europe), CP853 (Turkish), CP855 (Cyrillic), CP857 (Turkish), CP858 (Euro PC Multilingual), CP860 (Portugal), CP862 (Hebrew), CP863 (French-Canadian), CP864 (Arabic), CP865 (Danish-Norwegian), CP866 (Russian), CP867 (Turkish2), CP876 (OCR-A), CP877 (OCR-B), CP1098 (Farsi), CP1250 (Latin2 Windows), CP1251 (Cyrillic Windows), CP1252 (Latin1 Windows), CP1253 (Greek Windows), CP1254 (Turkish Windows), CP1255 (Hebrew Windows), CP1256 (Arabic Windows), CP1257 (Baltic Windows), 96Greek, GOST, TASS, MAZOWIA, KOI8-U, UKRANIAN, Farsi 1, Farsi 2 ISO character sets: 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) | | | | | | |
| Resident font | Draft, Courier, Gothic, Prestige, Script, Presentor, OCR-A, OCR-B | | | | | | |
| Resident Emulations | IBM Proprinter: XL24 /XL24 AGM, 2391+ Personal Printer, Epson ESC/P LQ series, ANSI, Compuprint Native Commands | | | | | | |
| Interfaces | Parallel - Ethernet 10/100 or Parallel - Serial - USB 2.0 Input buffer up to 128 Kbytes | | | | | | |
| Drivers and Sw | Windows 9X/2000/XP/Vista NetViewMaster (remote printer management SW) and Internal WEB Page (both available with LAN interface) | | | | | | |
| Reliability | MTBF: 20.000 hours | | | | | | |
| Print Head Life | 800 million characters | | | | | | |
| Ribbon life | Black ribbon Long Life 25 Million Characters | | | | | | |
| Noise Level | <54dba | | | | | | |
| Power Supply | Universal from 100 to 230 V -Frequency : 60Hz / 50Hz | | | | | | |
| Power consumption | 120 W max. (printing), 30 W (standby) | | | | | | |
| Physical Dimensions & Weight | 720 (W) x 350 (H) x 400 (D) mm - 33 Kg | | | | | | |

Printers and Supplies

| | |
|--------------------------------|-----------|
| Compuprint 10300 - Par/Ser/USB | PRTN103 |
| Compuprint 10300 - Par/Lan | PRTN103N |
| Black ribbon 25MC | PRKN102-1 |

Options

| | |
|----------------------------------|----------|
| Additional tractor | PRFN2TR6 |
| Printer stand | PRFN-PD2 |
| Controller Interface Par/Ser/USB | PRAN130 |
| Controller Interface Par/Lan | PRAN130N |



Note 1 - The Compuprint 10300 measured performance herein declared are superior than any other competitive serial matrix printer model

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