
CP-8240N

Rugged 24-Pin Impact Printer



The CP-8240N Rugged 24-Pin Impact Printer is designed to withstand demanding conditions imposed by highly mobile and rugged environments. Based on Epson LQ-300+II matrix printer, the CP-8240N offers superior performance in a wide variety of environments, is compatible with all personal computers and provides for switch selectable serial or parallel connectivity.

Key Features:

- 24 pins dot matrix impact printer
- Lightweight: 6,4 kg
- Compact: 152 H x 381 W x 279 D [mm]
- High Speed-Draft: Prints up to 300 characters per second (10 cpi)
- 270 cps in draft at 12 cpi, 192 cps in draft at 17 cpi (condensed)
- 90 cps in LQ at 12 cpi, 128 cps in LQ at 17 cpi (condensed)
- 225 characters per column (10 cpi)
- 80 columns at 10 cpi
- Maximum 360 x 360 dpi resolution
- 8 KB Buffer with download font capability
- Handles up to 4 part forms (1 original + 3 copies)
- Epson LQ-300+II emulation
- AC 115/230 or DC 28V power packs
- Quiet operation, less than 49 dB(A) during printing
- Serial and parallel interface
- Optional interfaces: USB 1.1 / Printserver 10/100 Base TX

Preliminary specification, subject to change without notice!
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Technical Data

Print Process

- 24-Pin impact dot matrix
- Black ribbon

Paper Handling

- Position: Backside
- Feeder: Pull Tractor

Controls

- PWR On/Off
- Tear Off, LF/RF, Load/Eject, Pause

Indicators

- PWR On
- Paper Out, Pause
- 3 Front Lights

Buffer

- 8 kB

Available Interfaces

- 8 Bit Parallel
- Bi-directional parallel interface (IEEE-1284)
- Serial interface EIA-232D, 300 to 9600 baud
- Optional: USB 1.1; Printserver 10/100 Base TX

Power

- 115/230 VAC \pm 15%, 47-63 Hz
- 28 VDC (19-32V)
- Consumption: 24 watts printing

Physical

- Dimensions: 381 x 279 x 152 (W x D x H) [mm]

Environmental Ranges

Temperature

- Operating : -25°C to +55°C
- Storage : -40°C to +65°C

EMI

- MIL-STD-461C, FCC Class B

Noise

- Less than 49 dB

Humidity

- MIL-STD-810E, Method 507.3, Procedure III, 10% to 95% operating (non-condensing)

Altitude

- MIL-STD-810E, Method 500.3, Sea Level to 10.000m operating

Shock

- MIL-STD-810E, Method 516.4, Procedure I, 40g's 11ms, half sine
- 3 ft. drop in transit case

Vibration

- MIL-STD-810E, Method 514.4
Operating: 5g (5 to 2000 Hz sine)
Non-Operating: 8g (5 to 2000 Hz sine)

Rain

- MIL-STD-810E, Method 506.3, Procedure I, 1.8 in/hr in 32 km/h wind for 20 min. (non-operational with cover)

Sand & Dust

- MIL-STD-810E, Method 510.3, Procedures I & II, (non-operational with cover)

Salt Fog

- MIL-STD-810E, Method 509.2 (non-operational with cover)

Fungus

- MIL-STD-810E, Method 508.4, Samples

Solar Radiation

- Operate in direct sunlight for 30 min.

Reliability

- MTBF : 10.000 hours
- MTTR : 45 minutes

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