

# NP4840 PRINTER



## KEY BENEFITS:

Print Server

Network Device

Print Management

Postscript® compatible

CUPS compliant

Support standard Ghostscript 8.11 font set

Embedded spooling and job status

Priority queuing, 16 levels of print job priorities

Supports modern network architecture

Maintenance management, SNMP supported

nPrinter developed based on over 26 years of aviation printer experience

High reliability

Streamlines network print management for reliable aircraft operation in cockpits or cabins.

Similar to office network printers, the nPrinter (Network Printer) meets the needs of modern aviation network architectures to improve printer availability for multiple uses.

Reliability is optimized utilizing proven airborne print engine technology with the latest computing technology to facilitate network printing capabilities.

The embedded print server streamlines print management and increases network throughput. Spooling and job queuing can be performed by the printer; thereby freeing other network devices, including the electronic flight bag (EFB) and network server.

A combination of maximum print speed and highest quality print resolution is available for operation in an airborne environment. Two basic configurations are offered: one with Ethernet and ARINC 429 for cockpit applications and one with Ethernet for cabin applications. Other options include various control panel orientations and colors.

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## KEY DESIGN FEATURES:

- Designed per ARINC-744A standard
- Larger control panel, large lettering & brighter back lighting
- Unique IP address for each Ethernet port, configurable
- Extensive built-in test & print job management
- Supports RFC 3998 Section 4, IPP print job operations
- Supports LPD (RFC1179)
- Quadrax connector interface for Ethernet
- Easy, one handed paper loading
- Elapsed time meter for recording operation time

## PART NUMBERS :

Part No.	Application
902256-XY1	Boeing B747-8 specific configuration
902256-XY2	115 VAC Generic configuration
902256-XY4	28 VDC Generic configuration
902256-XY6	115 VAC Generic configuration with control panel blackout
902256-XY7	28 VDC, with one 10Base2 and one 100BaseT

## TECHNICAL SUMMARY:

	Capabilities
<b>Performance:</b>	Print Resolution : 300 dpi laser quality
	Print Speed : 300 lines/minute
	Plot Speed : 12,000 plot lines/minute
	Print Buffer Size : 16 MB to store print jobs
	Character Set : 96 character ASCII, plus graphics
	Character Format : 10 CPI / 80 columns 19 CPI / 132 columns 10 CPI / 40 columns
	Character Font : 31 (H) x 49 (V) dot matrix
Paper : ANSI A, 8.5 inch wide, 125 feet / roll	
<b>Power:</b>	Primary : 97-134 Vac, 360-800 Hz, 28 VDC option available
	Power Consumption : Idle Mode: 20 Watts Print Mode: 40 Watts, nominal
<b>Physical</b>	Dimensions : ARINC 744 compliant, 9.75"W x 5.75"H x 10.25"D (24,8 cm x 14,6 cm x 26 cm)
	Weight : 12 lbs. (5,4 kg) with paper
<b>Key Qualification Performance:</b>	Thermal : DO160E, Category A1
	Vibration : DO160E, Category R, curve C/C1
	Power Input : DO160E, Category A(WF)
	Radiated RF Emissions : DO160E, Category M

