PC42d
4 Inch Direct Thermal Desktop Printer

Featuring a solid double-layer housing, easy paper-loading design, and media auto-centering function, the compact and elegant PC42d printer is easy to operate. Powerful and reliable, the PC42d printer is well suited for a variety of low-to-mid intensity thermal printing applications – such as electronic express and logistics waybills, healthcare laboratory labels and wristbands, retail price tags and receipts, distribution center routing labels, boarding passes, and the like.

With printing speed up to 200 mm/s (8 ips) and a high-speed processor (ARM926 core and 400 MHz), the PC42d printer can process high-volume tasks efficiently. And with 128 MB Flash and 64 MB SDRAM, which is several times larger than its competitors and supports up to a 32 GB USB expansion, the PC42d printer provides strong tag data pre-processing and caching capabilities.

The PC42d printer delivers flexible industry-standard connectivity, with up to four built-in interface options: standard USB device and USB host, plus serial or Ethernet. With the rich interfaces, the PC42d printer easily integrates into virtually any application environment. The PC42d printer supports ZPL-II and EPL emulation, along with DPL and Direct Protocol (DP), and auto-senses the printing languages without any pre-setting, providing an easy upgrade path for competitive printers.

With a high-quality printhead, advanced thermal management algorithms, and broad thermal media compatibility, the PC42d printer delivers excellent printing results in an affordable, dependable desktop printer.

A powerful and reliable desktop printer, the PC42d printer is well suited for a variety of low-to-mid intensity thermal printing applications.

FEATURES & BENEFITS

Compact yet powerful – a perfect combination of economy and quality. Printing speed is up to 200 mm/s (8 ips).

Easy to use with a solid double-layer housing, simple paper-loading design, media auto-centering, and auto-sensing of printing languages.

A high-quality printhead and compatibility with a wide range of thermal media ensures excellent printing results.

Includes integrated command languages: ESim (EPL), ZSim (ZPL-II), DPL, and Direct Protocol (DP) with preset Chinese fonts.

PC42d Technical Specifications

PHYSICAL CHARACTERISTICS
L x W x D: 222.5 mm x 184 mm x 174 mm
(8.8 in x 7.3 in x 6.9 in)
Weight: 1.5 kg (3.3 lb)

MEDIA
Max. Media Diameter: 127 mm (5 in)
Media Core Size: 25.4 mm (1 in), 38.1 mm (1.5 in)
Media Width: 25.4 mm – 110 mm (1 in – 4.33 in)
Label Length: 9.6 mm – 99 cm (0.34 in – 39 in)

PRINT TECHNOLOGY
Printer Type: Direct Thermal
Print Resolution: 8 dpmm (203 dpi)
Default Print Speed: 150 mm/s (6 ips)
Max. Print Speed: 200 mm/s (8 ips)
Max. Print Width: 104 mm (4.1 in)

MEMORY
Standard: 128 MB Flash, 64 MB SDRAM
Optional: Up to 32 GB (via user-supplied USB thumb drive) formatted as FAT16 or FAT32

COMMUNICATIONS
Standard Interfaces: USB Device, USB Host
Built-in Options: Ethernet (NIC), Serial
Protocols/Network: TCP/IP-suite (TCP, UDP, ICMP, IGMP), DHCP, BOOTP LPR FTP web page, and Telnet 9100 IPv4
Protocol/Serial Flow Control:
XON/XOFF RTS/CTS

USER INTERFACE
Display: One feed button and LED display
Web Page Languages: English and Simplified Chinese (Default), Spanish, Portuguese, Russian, Korean

GRAPHICS AND BARCODES
Native Graphic Formats: 1-bit BMP GIF PCX PNG
Barcode Symbologies: All standard 1D and 2D symbologies, including Aztec, Code 16K, Code 49, Data Matrix, DotCode, EAN-8, EAN-13, EAN.UCC 128, Grid Matrix, HIBC 39, HIBC 128, MaxiCode, MSI (modified Plessey), PDF417, Micro PDF417, Planet, Plessey, Postnet, QR-Code, RSS-14 (variations), Hanxin Code

SOFTWARE
Printer Command Languages: Auto-Sense, Direct Protocol (DP), DPL, ZSim II (ZPL), ESim (EPL)
Drivers: InterDriver™ Windows® Printer Driver (Microsoft® Certified for Windows 7/8.1/10, Windows Server 2016/2008/2012)
Applications: BarTender Ultralite
Device Management: Simple Diagnostic Tool
Character Sets: English & Extended Latin, Arabic, Baltic & Baltic Rim, Cyrillic, Greek, Hebrew, Thai, Turkish, Vietnamese and other Monotype Universal Font Scaling Technology (UFST), and WorldType Layout Engine (WTLE)
Resident Fonts: Monotype UFST+WTLE Andale Mono, Andale Mono Bold, OCR-A, OCR-B, Univers, Univers Bold, Univers Condensed Bold, CG Triumvirate Condensed Bold, MHeiGB18030C_Medium (Simplified Chinese GB18030)
Other Fonts – Downloadable: MSung HK Medium (scalable TTF fonts), other required TTF fonts

ENVIRONMENTAL
Operating Temperature: +5°C to +40°C (+41°F to +104°F) 15% to 80% RH, non-condensing
Storage Temperature: -40°C to +60°C (-40°F to +140°F) @ 10% to 90% RH
Noise Level: <70 dB

ELECTRICAL
Input: 100–240V AC @ 50–60 Hz 1.5 A
Output: 24V DC 2.5 A

OPTIONS AND UPGRADES
Factory-Installable: Ethernet, Serial

APPROVALS
Regulatory: CCC, CB, CE, EMC, cULus, FCC, CRS, EAC, NOM
Europe: D Mark, EN 60950-1; CE Europe EMC Directive (EN55022 Class A + EN55024)

WARRANTY
One-year standard warranty

For more information
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