GeneralData

Smarter Technology. Exceptional Results.

- Barcode Labeling
- Barcode Scanning
- Data Capture
- Wireless Networks
- RFID Systems
- Workstations

2021 Manufacturing Solutions Catalog

General Data is nationally recognized as an expert resource for all aspects of labeling and identification, barcode data collection, field mobility, equipment service, fixed asset management, and managed print services. With General Data, companies are able to maximize their return on investment in systems that reduce errors, streamline workflows, reduce costs, enhance efficiency and productivity, enable better decision-making and increase profitability.

General Data has developed strategic partnerships with the industry's leading hardware and technology providers, including Intermec, Honeywell, Zebra, HP and others. General Data's customers rely on this extensive product and technology "know-how" to determine the right mix of products and technologies for their application, environment and objectives.

Products

- Barcode Labels & Tags
- Thermal, Laser & Inkjet Printers
- Barcode Scanners
- Mobile Computing Devices
- Mobile Workstations
- Software
- Thermal Transfer Ribbons
- Toner, Ink & Printer Supplies
- Computers & Monitors
- ID Badge Printers & Supplies

Services

- Custom Barcode Labels
- Barcode Scanning & Data Collection
- Labeling & Identification Systems
- Enterprise & Field Mobility
- Wireless Network Infrastructure
- Custom Application Development
- Printer Repair Service
- Printer Supplies Replenishment
- Managed Print Choices

Learn more about General Data's extensive selection of products, services and solutions at:

Our website: www.general-data.com
Our ecomm portal: store.general-data.com

Table of Contents

Expert Advice & Service

Our team of experts help companies like yours design, spec and install the right mix of labeling, barcode scanning, data capture and wireless network equipment and services to maximize their effectiveness and return on investment.

Learn more:

www.general-data.com

Our Capabilities and Partners

Our Capabilities

General Data has developed strategic partnerships with the industry's leading hardware and technology providers. General Data's customers rely on this extensive product
and technology "know-how" to determine the right mix of
products and technologies for their application, environment and objectives. While this catalog highlights a broad range of General Data's capabilities and solutions, this is but a quick glimpse into all that we have to offer. Visit our website to learn more:
www.general-data.com

Our Partners

ZEBRA

Black Rhino™

cab
we identify more

Black Rhino™ Printer Supplies

AML

DATALOGIC

Extreme™
Customer-Driven Networking

TSC
The Smarter Choice.

NEWCASTLE
SYSTEMS

CISCO

CIPHERLAB
Smarter

PRINTRONIX
AUTO ID

MobileDemand
Demand More.™

Honeywell

unitech
because we care

Panasonic

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description

P Used For/In

C Typical Configuration

S Specifications

L Learn More / Buy

O Options & Related Products

www.general-data.com
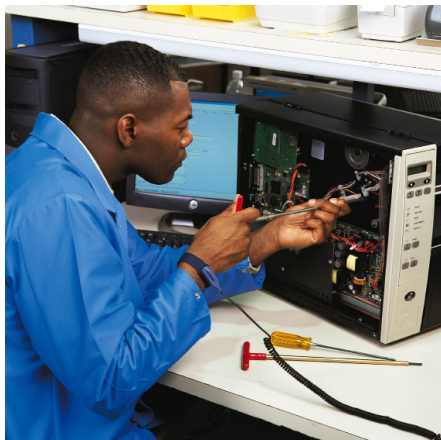
Printer and Barcode Equipment Service

Choose The Best Service Plans and Options

General Data provides reliable repair and maintenance service for all types of business printers and data capture equipment, including laser printers and barcode label printers, barcode scanners, and mobile computing devices. General Data's highly trained and factory-certified technicians are experts at keeping everything in top working condition. Our standards meet or exceed factory specifications for service - our commitment to reliable and trouble-free service is unparalleled in the industry.

Benefits

- Reduce costly downtime due to printer malfunctions
- Get factory-trained and certified warranty service
- No-hassle printer service - from a single printer to an entire fleet
- Get it repaired at your location or ship it to our depot facility
- Experience the convenience of nationwide repair service

Depot and On-Site Service
Ship it to us, or we'll come to you. Your equipment can be sent to our depot service facility, or our technicians can repair and maintain equipment right at your location.

Bullpen Service
A great economical solution for large numbers of printers in a single facility. You simply place all equipment in need of maintenance in a central location, and we fix them all at once.

Service Contracts
Simplify the process of maintenance and repair. For a low annual fee, all maintenance and repair costs are covered, and you can schedule calls through our service web portal.

Authorized Warranty Service
Use General Data service for equipment still under factory warranty. For many manufacturers, we are certified to provide factory-authorized warranty service.

Service Advantage
Complete coverage from the start. Upgrade the factory warranty on new printers so technicians perform repairs on-site and extend the warranty term up to three years.

See What Our Customers Are Saying:

"We have been utilizing General Data as one of our primary service providers, and General Data has successfully handled the repairs for a variety of printers including HP, Lexmark, Xerox and Zebra. We have appreciated their scope of service, quick response times and professional service technicians. We have been more than satisfied with all aspects and would highly recommend their services."

~ Russell Howard,
Clover Imaging Group

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

5
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Enclosed Mobile Carts

Mobile Enclosed Cart

D Enclosed carts are recommended for harsh warehouse environments, where they can protect and prolong the life of the equipment by keeping dust and dirt out.

P Warehouse, Production

C
- Dimensions: 24.5"W x 60"H x 22.5"D
- Includes slide out keyboard drawer
- Security locking
- Colors available: black, blue, gray
- Assembly required; Requires power connection

O Side Shelves
Kit of two side shelves 12"W x 22.5"D

Mobile Enclosed Cart with Tilted LCD

D This enclosed cart is also recommended for harsh warehouse environments, where they can protect and prolong the life of the equipment by keeping dust and dirt out. It also features a tilted LCD viewing area for easier viewing and access.

P Warehouse, Production

C
- Dimensions: 24.5"W x 55.5"H x 22.5"D
- Includes slide out keyboard drawer
- Security locking
- Colors available: black, blue, gray
- Assembly required; requires power connection

shown with optional side shelves installed

O Side Shelves
Kit of two side shelves 12"W x 22.5"D

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

Open Mobile Carts

Adjustable Steel Cart

D Open carts are light duty and recommended for clean work environments, also where security locking capabilities are not required.

P Warehouse, Inventory

C
- Dimensions: 18"W x 42"H x 16"D
- Adjustable shelves
- Sliding keyboard shelf
- Mouse pad
- 4 outlet power strip, requires power connection
- Color: black
- Assembly required

Adjustable Pole Cart

D Pole carts are recommended for light-duty environments or where a small footprint is desired.

P Warehouse, Inventory

C
- Sliding keyboard shelf
- Mouse pad
- Requires power connection

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

7
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Mobile Powered Workstations

EC Series Mobile Powered Workstation

D This entry-level EcoCart mobile powered workstation is designed to provide true mobility within a facility, while eliminating unnecessary movement, touches and transportation wastes. This can result in improved dock to stock cycle times in receiving and on-time shipments in your shipping areas. This lightweight, compact unit is ideal for powering a laptop, barcode printer and scanner for 8+ hours at time.

P Warehouse, Inventory

C
- Dimensions: 20"L x 21.75"W x 43"H
- One adjustable shelf (standard)
- 5" locking casters
- Push handle
- Integrated power system
- Built-in power strip; wastebasket & holder

Series Mobile Quality Testing Workstation

D This new QC Series Mobile Powered Workstation was designed for mobile quality testing, measurement & inspection as well as other processes requiring vast storage capabilities.

P Warehouse, Inventory, Manufacturing

C
- Dimensions: 29" W x 22" D x 42"H
- One lockable drawer standard (up to 3)
- 5" locking casters
- One document holder & storage pocket (standard)
- Integrated power system

8

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **◎** Options & Related Products

www.general-data.com

Time and Attendance

D The Plex time and attendance module offers a variety of hardware for clocking in and out of various aspects of your facility. You can utilize the time and attendance module for clocking employees in and out of work shifts, or in and out of a machine or process.

P Time and Attendance, Access Control, Workstation Check In/Out

AML Monarch Non-biometric Interactive Kiosk/Terminal

S
- Intel® Atom E3825 1.33 GHz 64-Bit Dual Core Processor
- Windows 10 or Android Marshmallow OS
- 10.1" LCD projective capacitive multi-touch
- 2D Imager
- 2GB Memory, 30 GB internal storage
- Info and pricing on fobs/badges available upon request
- Optional: Add on of proximity/NFC badge reader
- Optional: Mag strip and chip reader

Simplywork Biometric WorkClock

S
- 7" LCD touchscreen monitor
- Wall mount included
- Web based and hosted application
- Finger biometric scanner is easy to teach

Create Your Own Kiosk Station to track guests entering and leaving your facility.

We've got everything you need:

- Thin Client Computers - see page 11
- Touchscreen Monitors - see page 13
- Label Printers - see page 14
- Label Media and Printer Supplies - see page 20
- Barcode Scanners - see page 23

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

9
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Computers

Thin Client Computers

D Thin client computer devices are a great alternative to traditional PCs in production environments with extreme temperatures, dirt and other challenges. Thin clients run an embedded version of Windows so they operate as a PC for easy user interface.

P Plant Floor, also on Carts and Workstations

HP ProDesk 400 G6 Desktop Mini PC

C
- Intel® Core™ i7-10700T processor
- Integrated Ethernet and optional Wireless 802.11 a/b/g/n/ac, Bluetooth V4.0
- 4 GB DDR4-2133 SDRAM
- 2 USB 2.0 Ports, 4 USB 3.0 Ports, 1 RJ-45 Port, 1 DisplayPort, 1 VGA, 1 Serial
- Microsoft Windows 10 Pro 64

HP T640 Thin Client

C
- AMD Ryzen R1505G System-on-Chip
- Intel® Wireless-AC 9260 Wi-Fi/Bluetooth® combo; 2x2 802.11ac Wi-Fi and Bluetooth 5, Intel® Wireless ax200 wifi 6
- DDR4 dual channel SDRAM, 4, 8, 16 and 32 GB
- 9 USB Ports
- Microsoft Windows 10

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **◎** Options & Related Products

www.general-data.com

Computers

All-In-One Computers

D All-in-one computers combine the computer and monitor together into one unit. They are ideal for environments where space is at a premium. All-in-one computers can be used with standard keyboards and mice, or come with a touchscreen monitor interface.

P Plant Floor, also on Carts and Workstations

ELO E-Series 15E3 Touchscreen Computer

C
- 15" LED touchscreen monitor
- Windows 10
- Intel Celeron J1900 quad-core processor 2GHz
- 4 GB DDR3L Memory
- 128 GB SSD hard drive
- 4 USB 2.0 ports, 2 RS-232 ports
- Wall mount or secure base to tabletop

Additional All-In-One Computer Configurations

Monitor and processor configurations available upon request or as application requires.

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

11
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Monitors

Touchscreen Monitors

D Touchscreen monitors replace a traditional mouse or keyboard for faster, simpler data entry in dirty production environments or when operators are required to wear gloves.

P With Computers on Plant Floor or on Carts and Mobile Workstations

Elo 1515L Touchscreen Monitor

C
- 15" upt o 27" available active matrix TFT LED anti-glare monitor
- AccuTouch five-wire resistive and IntelliTouch SAW monitor
- Dual/Serial USB ready
- Removable stand and VESA mounting option

3M MicroTouch M1700SS Touchscreen Monitor

C
- 15" and 17" active matrix TFT LCD, capacitive, 1280 x 1024, anti-glare
- 100 mm VESA mount
- 3M ClearTek Hard Coat coating for increased resistance to scratches and chemicals

Resistive vs. Capacitive Touchscreens

*To make the touch interface work on a **resistive** touchscreen you can use most anything that applies pressure to the screen, including a finger, stylus, gloved hand, etc. Whereas the **capacitive** touchscreen makes use of the electrical properties of the human body, meaning you **must** use your finger to make the interface work.*

12
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

Shipping and Receiving Label Printers

Industrial Barcode Label Printers

D These rugged label printers are designed to survive in the harshest industrial environments and perform consistently in 24/7, mission-critical operations. Many options are available for your label printing needs, making them ideal for high-volume industrial label printing.

P Workstation and Plant Floor Label Printing - High Usage, Heavy Duty

Zebra Technologies ZT411

S
- Thermal transfer/Direct Thermal
- USB, RS-232, ethernet, wireless
- 203, 300 or 600 dpi
- 4" print width
- ZPL
- Sturdy metal casing

Honeywell PM43

S
- Thermal transfer
- USB, serial, ethernet, wireless
- 203, 300 or 406 dpi
- 4" print width
- Large color touchscreen
- Fast printing speed of up to 12"/second

Zebra Technologies ZT610/ZT620

S
- Thermal transfer and direct thermal options
- USB 2.0, RS232 serial, Bluetooth 4.0 and ethernet
- 203 dpi, 300 dpi or 600 dpi
- 4", 6" print width options
- ZPL and ZPL II
- Rugged heavy-duty steel housing

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

13
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Shipping and Receiving Label Printers

Industrial Barcode Label Printers

GoDEX ZX420i

S
- Thermal transfer and direct thermal options
- USB 2.0, RS-232, IEEE 802.3, Ethernet
- 203 dpi, 6 IPS print speed
- 4.25" print width
- Wifi and bluetooth options
- 32-bit CPU offers fast "first label out" throughput

TSC MB240

S
- Thermal transfer and direct thermal options
- Ethernet standard
- 203 dpi, 8 IPS print speed
- 4.25" print width
- 3.5" intuitive color touch display
- 2 year warranty

TSC MH240

S
- Thermal transfer and direct thermal
- Ethernet standard
- 203 dpi, 14 IPS print speed
- 4" print width
- 4.3" color touch display
- 2 year warranty

About Barcode Label Printing

Your choice of label printer depends on several factors, including the type of labels being printed, the expected volume and the environment the printer will be in. Your General Data expert can help you choose the best printer for your needs, from desktop printers to complete print and apply systems.

14

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

www.general-data.com

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

Shipping and Receiving Label Printers

Desktop Barcode Label Printers

D These compact, feature-rich desktop label printers are ideal for situations that are tight on space, but require high-quality, reliable direct thermal or thermal-transfer printing. Engineered for ease-of-use, these printers offer a broad range of connectivity options, making them ideal for countless low- to mid-volume label printing.

P Workstation Label Printing - Low Usage, Light and Medium Duty

Zebra Technologies ZD420 Series

S
- Direct Thermal or Thermal Transfer
- Ethernet, 802.11ac, WiFi and Bluetooth
- 203 dpi standard; 300dpi optional
- 4" print width
- EPL and ZPL
- US power cord

TSC TX200

S
- Thermal transfer or Direct Thermal
- 8" IPS max print speed
- USB 2.0, USB, RS-232, serial, internal ethernet standard
- 203 dpi
- 4.25" print width

Badge & ID printer options also available.

ZEBRA
PREMIER SOLUTION PARTNER

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

15
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Shipping and Receiving Label Printers

Mobile Label Printers

D For increased efficiency, print labels directly from a handheld device to a wireless mobile printer. This is convenient when labeling incoming product not from suppliers, or on the shipping dock for outgoing product requiring customer-specific labeling.

P Mobile On-Demand Label Printing in Receiving, Warehouse, Plant Floor

Zebra Technologies ZQ620

S
- Direct thermal or Direct Thermal
- USB 2.0, USB Host, Serial, Ethernet, BTLE
- 4.25" print width
- 203 or 300 dpi
- ZPL & EPL languages

TSC Alpha4L

S
- Direct thermal only
- 802.11a/b/g/n, USB 2.0, RS-232, Bluetooth
- IP53 rating
- 4" print width, large roll capacity
- 203 dpi, 4 IPS print speed
- 2 year warranty is best in industry for portable printers

Service Plans For Your Printers

General Data has a variety of printer service plans and options available to meet the needs of your mission-critical printer fleet. You can choose from depot and on-site service, bullpen service and annual maintenance plans that are customized to your business needs.

www.general-data.com/service

ZEBRA PREMIER SOLUTION PARTNER

16
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

Manufacturing and Work-Cell Label Printers

Standard Printers

D CAB Squix printers are ideal for solving practically any marking task. With a broad range of peripherals, accessories and software, these printers can be adapted to meet any requirements. This specialized printer series is useful for very specific needs including pallet and drum labeling, two color printing, centered material guide, double sided printing, and single or double sided printing of textile materials.

P Precision Printing in Manufacturing and Work-Cell Environments

CAB Squix Series

S
- Thermal Transfer or Direct Thermal
- WLAN 802.11 b/g, USB, Serial, Ethernet
- 2", 4", 6" or 8" Print Width Models
- 203, 300 or 600 dpi
- ZPL Compatible

O Barcode Tester, Cutter, External Rewinder, External Unwinder, Applicators

CAB XD4T

S
- Thermal Transfer or Direct Thermal
- WLAN 802.11 b/g, USB, Serial, Ethernet,
- 4" Print Width
- 300 dpi
- ZPL Compatible
- Simultaneous Double Sided Printing

O Cutter, Perforation Cutter, Stacker with Cutter, External Rewinder, External Unwinder

Accessory list available upon request.

cab
we identify more

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

17
Winter 2021 MFG Solutions Catalog
Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

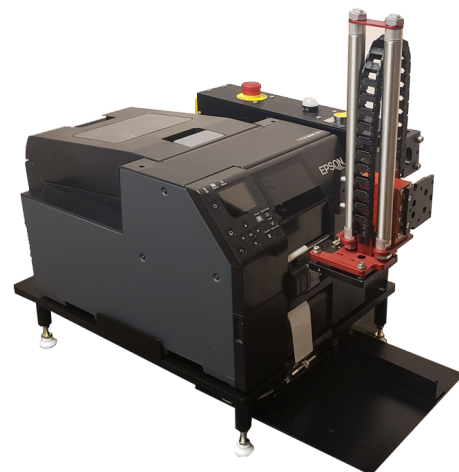# Manufacturing and Work-Cell Label Printers

Automated Print and Apply

D Print and apply labelers can be as simple or complex as the applications requires. At General Data, our in-house staff of print and apply engineers can design, install and maintain a custom print and apply labeler to meet your specific requirements.

P For Hands-Free and Automated Printing and Application in Manufacturing and Work-Cell Environments

PA19 Print and Apply Labeler

S
- Thermal Transfer or Direct Thermal
- USB, Ethernet, Serial and WiFi Connectivity
- Multi-language touch screen operator panel
- Advanced PLC & I/O
- Up to 4.2" label print width
- 203, 300 or 600 dpi

O Roll around or fix stand, conveyor side mounting bracket, label on pad dectection, 3 color light stack, air-blow conversion, 90° swing front tamp configuration, corner wipe around configuration, custom programming

PAC5 Color Label Print and Apply Labeler

S
- Print full color labels
- USB, Ethernet, Serial and WiFi Connectivity
- Multi-language touch screen operator panel
- Advanced PLC & I/O
- Up to 4.25" or 8/34" label print width
- Up to 1200x1200 dpi full color

O Roll around or fix stand, air-blow conversion, conveyor side moutning bracket, front tamp configuration, label on pad detection, corner wipe around configuration, smart touch panel, custom programming

18

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

Labels

Stock Direct Thermal Labels

D Direct thermal labels can be printed without the use of a thermal transfer ribbon. The surface of the label contains a special topcoat that is activated by the heat of a thermal printhead. Direct thermal labels are ideal for light-duty labeling applications, including shipping labels.

P Multiple Applications Wherever Labels are Printed and Used

C
- L-DT-40601P - 4" x 6" DT paper, 3" core, 4 rolls/ctn, 1,000 labels/roll
- L-DT-40401P - 4" x 4" DT paper, 3" core, 4 rolls/ctn, 1,500 labels/roll
- L-DT-40301P - 4" x 3" DT paper, 3" core, 4 rolls/ctn, 1,900 labels/roll
- L-DT-40201P - 4" x 2" DT paper, 3" core, 4 rolls/ctn, 3,000 labels/roll
- L-SDF-30201P51 - 3" x 2" DT paper, 1" core, 6 rolls/ctn, 1,240 labels/roll

L See our complete selection and specs for stock direct thermal labels: www.general-data.com/store/direct-thermal-labels

Stock Thermal Transfer Labels

D Thermal transfer labels are printed using a thermal transfer ribbon. These labels are available in a range of material types and adhesives. When paired with the right thermal transfer ribbon, they can be used for everything from general purpose barcoding applications to harsh environment applications.

P Multiple Applications Wherever Labels are Printed and Used

C
- L-TT-40601P - 4" x 6" TT paper, 3" core, 4 rolls/ctn, 1,000 labels/roll
- L-TT-40401P - 4" x 4" TT paper, 3" core, 4 rolls/ctn, 1,500 labels/roll
- L-TT-40301P - 4" x 3" TT paper, 3" core, 4 rolls/ctn, 1,900 labels/roll
- L-TT-40201P - 4" x 2" TT paper, 3" core, 4 rolls/ctn, 3,000 labels/roll
- L-TT-40601XX - 4" x 6" TT paper, 3" core, 4 rolls/ctn, 1,000 labels/roll floodcoated color in blue, brown, orange, ink, purple, red, yellow and fluorescent orange, pink, red and green

L See our complete selection and specs for stock thermal transfer labels: www.general-data.com/store/thermal-transfer-labels

Black Rhino™ Labels and Tags

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

19
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Labels

Custom Labels and Specialty Labels

D General Data is one of the largest label converters in the US, specializing in designing and producing custom labels for practically any industrial application. Our ISO-certified research, testing and manufacturing facilities can produce custom pre-printed labels in any size, shape, material and configuration.

Warehouse and Inventory Labels

D
- Rack labels, shelf labels and location labels
- Retro-reflective barcode labels for long-range scanning
- Pallet labels
- Harsh environment warehouse label solutions

L www.general-data.com/warehouse-labels

Product Identification and Asset Labels

D
- Harsh environment barcode asset labels
- Asset tags
- Work in process labeling
- Finished goods assembly identification labels

L www.general-data.com/asset-labels-and-tags

Shipping, Receiving and Container Labels

D
- Shipping labels for UPS, FedEx, etc.
- Compliance labels
- Returnable container and tote labels
- RFID labels and tags

L www.general-data.com/store/shipping-labels

PaintMask Labels

D
- Label parts with barcodes prior to painting or coating
- Barcodes and other information survives the painting process
- Printed with a thermal transfer printer
- Custom sizes available

L www.general-data.com/paintmask

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description
S Specifications
P Used For/In
L Learn More / Buy
C Typical Configuration
◎ Options & Related Products

www.general-data.com

Thermal Transfer Ribbons

Stock Thermal Transfer Ribbons

D Thermal transfer ribbons are available for all printers in wax, wax/resin formulations. Wax ribbons are intended for general-purpose printing on paper labels, while resin ribbons are used on film labels for applications requiring extended durability and performance. General Data can help you select the right thermal transfer ribbon for your printer, label and application.

P Multiple Applications Where Thermal Transfer Labels are Printed and Used

Wax Ribbons for Zebra Printers

S
- R-Z1B-3111 - 4.33" W x 1476' L, value wax, 24 ribbons/ctn
- R-Z1B-0111 - 4.33" W x 1476' L, performance wax, 24 ribbons/ctn
- R-Z12-1111 - 4.33" W x 1476' L, premium wax, 24 ribbons/ctn

Wax/Resin Ribbons for Zebra Printers

S
- R-Z1B-4111 - 4.33" W x 1476' L, standard wax/resin, 24 ribbons/ctn
- R-Z1B-1111 - 4.33" W x 1476' L, performance wax/resin, 24 ribbons/ctn
- R-Z1B-5111 - 4.33" W x 1476' L, premium wax/resin, 24 ribbons/ctn

Resin Ribbons for Zebra Printers

S
- R-Z1B-8111 - 4.33" W x 1476' L, standard resin, 24 ribbons/ctn
- R-Z1B-7111 - 4.33" W x 1476' L, performance resin, 24 ribbons/ctn
- R-Z1B-9111 - 4.33" W x 1476' L, premium resin, 24 ribbons/ctn

L See our complete selection and specs for thermal transfer ribbons: www.general-data.com/store/thermal-transfer-ribbons

---

! ## How to Choose the Right Ribbon Formulation

Wax Ribbons are for printing on paper labels that will not be exposed to abrasion, moisture or chemicals.

Wax/Resin Ribbons produce a finer image on coated paper labels, and have a higher resistance to abrasion, chemicals or moisture.

Resin Ribbons are for printing on film labels to produce an image highly resistant to abrasion, chemicals, moisture and UV exposure.

Black Rhino™ Printer Supplies

www.general-data.com

D Description   **P** Used For/In   **C** Typical Configuration
S Specifications   **L** Learn More / Buy   **O** Options & Related Products

21
Winter 2021 MFG Solutions Catalog
Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Barcode Scanners

Barcode Scanners

D Corded barcode scanners connect directly to a PC or other device through a USB, RS232 or other hard connection. They are available in ruggedized versions designed for the rigors of industrial use. Bluetooth scanners do not need a cord - they communicate via Bluetooth to their base station or directly to the PC or mobile device. They are available in ruggedized versions designed for the rigors of industrial use.

P Barcode Scanning Throughout the Facility, Warehouse and Plant Floor

Datalogic Gryphon 4500 Series

S
- General purpose barcode scanner
- Linear (1D) & 2D barcodes
- Illumination and aiming via LED
- Available corded or cordless

Honeywell Xenon 195Xg Series

S
- Linear (1D) & 2D barcodes
- LED, Beeper and vibration technology for verification of good scan
- USB & RS232 connectivity
- Available corded or cordless

Zebra Technologies 3600 Series

S
- Ruggedized imager scans linear (1D) and 2D barcodes
- Extended range models available
- Ultra-rugged durability
- Available corded or cordless

ZEBRA
PREMIER SOLUTION PARTNER

22
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description   **P** Used For/In   **C** Typical Configuration

S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

1-844-643-1129

General Data
Smarter Technology. Exceptional Results.

Mobile Computing Devices

Tablet Computers

D Tablet computers enable operators to take Plex with them where they need to go. Tablets run full versions of Windows, and require a wireless network infrastructure be present in the facility to communicate and exchange data with Plex.

P Plant Floor, Warehouse

Honeywell ScanPal EDA71 Enterprise Tablet

S
- 7" High definition display, outdoor viewable
- 2 GB Ram/16GB Flash
- 1D/2D barcode symbologies
- IEEE 802.11 a/b/g/n; Wi-Fi Certified
- Android 8 (Oreo) upgradable to Android Q

MobileDemand xTablet A1180/T1150

S
- 10.1" 10 point multi-touch capacitive screen
- 128 GB SSD
- 2D barcode scanner
- WiFI 802.11 a/b/g/n/AC, Blutooth 2.0
- IP65 rated, MIL-STD-810G
- Android 9.0 Pie with GMS Certification or Windows 10

Zebra Technologies ET51 Tablet

S
- 8.4" 10 point multi-touch capacitive screen
- Integrated 1D/2D barcode scanner/imager
- 802.11 a/b/g/n/d/h/i/k/y/ac, Bluetooth v5
- IP65 rated
- Windows10 IoT Enerprise or Android 8.0 Oreo, upgradable through Android R

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

23
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Mobile Computing Devices

Handheld Mobile Computing Devices

D Give your operators more flexibility to interact with ERP as many ERP screens can be run on a wireless mobile computing device. Handheld mobile devices provide the best options for portability and ease of use. Mobile Computing Devices require a wireless network infrastructure.

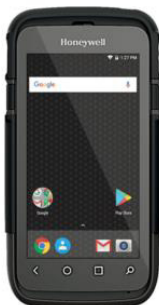**P** Production, Warehouse, Shipping/Receiving, Maintenance, Access Control

Zebra Technologies TC72

S
- 4.7" HD display, exceptionally bright and outdoor viewable
- Up to 15 hours of power with high capacity battery
- 1D/2D Imager
- WLAN 802.11 a/b/g/n/ac/d/h/i/r/k/v/w
- Android 9 Pie, OS upgradable through Android R[2=]

CipherLab RS51

S
- 4.7" HD capacitive touch supports bare/we/gloved finger and stylus
- Minimum of 12 hours of battery life
- 1D/2D barcode reader
- WLAN 802.11 a/b/g,/n/ac/e/d/h/i/r/k/v/w, IP65 & IP67 rated
- Android 8.1 with GMS (upgradeable to later Android Version)

Honeywell CT60 XP

S
- 4.7" HD bright color LCD
- Multi-touch with rain sensing and glove touch mode
- Up to 12 hours of battery life
- 1D/2D barcode reader
- Available with long range scanner
- Android 9(P), upgradeable through Android 11(R)

24
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **◉** Options & Related Products

www.general-data.com

1-844-643-1129

GeneralData
Smarter Technology. Exceptional Results.

Mobile Computing Devices

Handheld Mobile Computing Devices

D Give your operators more flexibility to interact with ERP as many ERP screens can be run on a wireless mobile computing device. Handheld mobile devices provide the best options for portability and ease of use. Mobile Computing Devices require a wireless network infrastructure.

P Production, Warehouse, Shipping/Receiving, Maintenance, Access Control

Unitech PA760

S
- 5.45" HD display, on-screen keypad
- Ultra sensitive capacitive touch
- 1D/2D Scanner
- Support Bluetooth® 5, WLAN: WIFI MIMO Dual Bands
- IP67 rated design
- Android 10

Honeywell CN80

S
- 4.2" bright color LCD with backlight
- Rugged multi-touch cpacitive touch panel
- 40-key QWERTY or 23-key numerica function keypad
- 2.2 GHz Qualcomm Snapdragon 660 octacore
- 1D/2D barcode reader, WLAN 802.11 a/b/g,/n/ac, IP65 & IP67 rated
- Android 7.1 Nougat OS **(Upgradable OS!)**

D Description   **P** Used For/In   **C** Typical Configuration
S Specifications   **L** Learn More / Buy   **O** Options & Related Products

www.general-data.com

25
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Mobile Computing Devices

Pistol-Grip Mobile Computing Devices

(D) Pistol-grip provides advanced ergonomics for data capture intensive industrial applications. Operators can interact with their ERP directly on these devices, providing real-time data and transaction updates.

(P) Production, Warehouse, Shipping/Receiving, Maintenance

Honeywell CK65

(S)
- Alphanumeric keyboard plus rugged multi-touch capacitive screen
- 802.11 a/b/g/n/ac, Bluetooth v5.0
- 1D/2D barcode imager
- Android 8.0 Oreo (system compatible up to Android R)
- 2.2 GHz Qualcomm 64 bit Snapdragon octa-core processor

Zebra Technologies TC8300

(S)
- 4" diagonal transflective LCD display;
- IP65 rated;
- WLAN IEEE 802.11 a/b/g/n/d/h/i
- Standard or medium range omnidirectional 1D/2D image
- Android AOSP 4.4.3 (KitKat) with Mobility Extensions for a true enterprise class OS;
- Dual core 1.7 GHz processor

ZEBRA
PREMIER SOLUTION PARTNER

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

(D) Description   **(P) Used For/In**   **(C) Typical Configuration**
(S) Specifications   **(L) Learn More / Buy**   **(O) Options & Related Products**

www.general-data.com

Mobile Computing Devices

Pistol-Grip Mobile Computing Devices

D Pistol-grip provides advanced ergonomics for data capture intensive industrial applications. Operators can interact with their ERP directly on these devices, providing real-time data and transaction updates.

P **Production, Warehouse, Shipping/Receiving, Maintenance**

Zebra Technologies MC9300

S
- 4.3" WVGA color display
- 1D/2D barcode scanning
- IP 67 and IP 65 rated
- Android 10, upgradable through A11/R^2
- Qualcomm Snapdragon 660 octa-core 2.2 GHz

AML Scepter

S
- 5" LCD display; capacitive touchscreen
- IP64 rated; WLAN IEEE 802.11 a/b/g/n
- 1D/2D imager
- Quad Core processor 1GHz
- Android 6.0.1 Marshmallow **(Upgradable OS!)**

CipherLab RK95

S
- 4.3" WVGA color display
- Multiple keypad options
- IP65 rated;
- WLAN 802.11 a/b/g/n/ac/e/d/h/i/r/l/v/w
- Android 9.0 (GMS, AER certified with one later version upgradable capability
- Octa-core up to 2.2 GHz

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

27
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

["

Mobile Computing Devices

Vehicle-Mount Mobile Computing Devices

D Vehicle-mount mobile devices are designed to be mounted inside a fork truck. They feature large screens, easy-to-access buttons, and can be paired with a corded or cordless scanner to enable the vehicle operator to scan barcodes without leaving the vehicle.

P Warehouse - Material Movement, Picking, Putaway, Shipping/Receiving

Honeywell Thor VM2

S
- IP66 sealed for harsh environments and freezers
- 9.7" color LED resistive touch screen display
- 5 programmable multi-function keys
- 802.11 a/b/g/n, Bluetooth, USB ports
- 10 to 60 VDC isolated power supply
- Microsoft Windows 7

O
- External power converters for AC and extended range DC
- Integrated Li-ION maintenance UPS with 30 min life

MobileDemand xTablet T1680 C1D2

S
- Intrisically safe C1D2 certified
- IP 65 sealing; water/dust
- 11.75" resistive touchscreen
- Optional 2D barcode scanner
- -4° to 140°F operating temp (Cold Storage)
- Windows 10 Professional
- High power 7 hour battery
- Bluetooth 5.0 and built in GPS

Tablet Computers as a Vehicle Mount Solution

*Many customers have found that a **rugged tablet** will also work for their vehicle mount device needs. See page 23 for our tablet computer options.*

D Description **P** Used For/In **C** Typical Configuration
S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

29
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Radio Frequency Identification (RFID)

What is RFID?

RFID is short for **Radio Frequency Identification**.
An **RFID** system has three parts:

- Scanning antenna
- Transceiver with a decoder to interpret the data
- A transponder - the RFID tag - that has been programmed with information

There are two types of **RFID** tags.

- *Active tags* have their own power source, allowing tags to be much farther away from reader and still get the signal
- *Passive tags* do not require batteries, can be much smaller and have a virtually unlimited life span

The scanning antenna puts out radio-frequency signals in a relatively short range, thereby accomplishing two things:

- Providing a means of communication with the RFID tag
- In the case of passive tags, it provides the RFID tag with the energy to communicate

Key Features/Benefits

- RFID tags do not need to contain batteries, and can therefore remain usable for very long periods of time
- The scanning antennas can be permanently affixed to a surface. They can take whatever shape you need; for example, you could build them into a door frame to accept data from persons or objects passing through (RFID Scanning Portal)
- When an RFID tag passes through the field of the scanning antenna, it detects the activation signal from the antenna which "wakes up" the RFID chip allowing it to transmit the data through the scanning antenna to the host
- 'Middleware' resident on the controller can remove redundant reads and parse data as needed

RFID Applications

- Production Control in a closed loop manufacturing cell
- Inventory and material movement between warehouse locations
- Theft prevention for high-value items

General Data is a one-stop source for any and all RFID labels, readers, software, and installation services. Please contact us directly for a consultation to further explore solutions for your specific enterprise.

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D **Description**

S **Specifications**

P **Used For/In**

L **Learn More / Buy**

C **Typical Configuration**

Options & Related Products

www.general-data.com

Wireless Network Infrastructure

Site Surveys, Installation and Support

D Deploying a wireless network infrastructure and mobile devices directly to the shop floor makes the advantages of real-time data more available to the enterprise. With a wireless network, all transactions are captured as they happen on the floor, eliminating error and improving the accuracy of inventories.

General Data is an industry leader in the design and deployment of wireless networks, with installations from small to large multi-site facilities across the US.

- Comprehensive site survey defines the quantity and location of access points for the desired WLAN coverage

- Installation and configuration of access points on-site

- Device testing to confirm connectivity and coverage

- Support, audit and troubleshooting in case of performance issues

- Ensure maximum WLAN success and ROI

www.general-data.com/services/wireless-network-infrastructure

L

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

31
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

Wireless Network Infrastructure

Access Points and Managers

(D) Access points and managers are the backbone of your wireless network, providing the connectivity and coverage so your mobile devices can communicate in real time with your ERP.

(P) Warehouse, Production Floor, Shipping/Receiving

Extreme Networks AP7632 Dual Radio Access Point

(S)
- 802.11 a/b/g/n/ac wave 2, MU-MIMO
- Built-in WiNG intelligence
- Can also serve as a virtual controller of up to 64 access points
- Choose either internal or external antenna models

Extreme Networks Controllers

(S)
- Provides a multi-site dashboard, quick and easy site setup, AP auto provisioning and system & site-level monitoring/analytics
- Both hardware and virtual software manager for WiNG APs
- Expandable up to several thousand APs

Cisco Aironet 2802 Access Point

(S)
- 802.11 a/b/g/n/ac wave 2
- Deploy with wireless controller for multi-site or complex environments or without using mobility express
- Easily integrate into existing Cisco Prime infrastructure
- Both internal and external

32

Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

D Description   **P Used For/In**   **C Typical Configuration**
S Specifications   **L Learn More / Buy**   **◎ Options & Related Products**

www.general-data.com

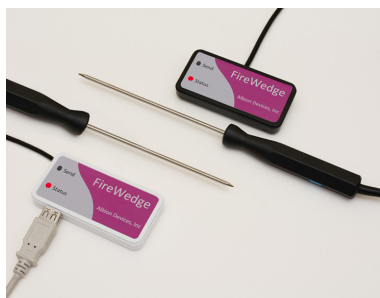# Automated Data Acquisition Interfaces

Gage Integration

D Integrate electronic equipped gages directly via a USB or RS-232 communication port using third-party PC wedge software. Hardware selection depends on the type and quantity of electronic gages in use at the station. Solutions are as simple as attaching one gage directly to the USB/RS232 port with the appropriate cable; or attaching multiple gages, a multiplexor box or additional cables.

P Plant Floor - direct capture of machine and process data to ERP

Weigh Scale Integration

D Accurate inventory and lot traceability depends on tracking bulk component data. Weigh scale integration automates the process of accurately tracking piece count by use of electronic weigh scales via an RS-232 port integrated directly to your ERP. The solution requires a PC at each scale with the appropriate communications cable.

P Plant Floor - direct capture of weight data to ERP

Temperature Probe Integration

D Enter temperature readings automatically into your ERP software without the need for manual logging. Options include cable connectivity to USB "FireWedge" or wireless connection with a range of up to 100 feet for remote transmission also to USB "FireWedge". Simply plug "FireWedge" into a PC USB port to be able to insert data directly into Plex software. No additional software needs to be loaded onto your PC. Choose from our standard probes or request customized solutions for your applications.

P Plant floor – direct capture of temperature data to ERP.

D Description **P** Used For/In **C** Typical Configuration

S Specifications **L** Learn More / Buy **O** Options & Related Products

www.general-data.com

33
Winter 2021 MFG Solutions Catalog

Specifications and pricing subject to change without notice. Pricing provided for basic configuration. Contact us for more details.

GeneralData

Smarter Technology. Exceptional Results.

General Data Company, Inc.
4354 Ferguson Drive | Cincinnati, OH 45245
www.general-data.com

SALES OFFICES AND SERVICE NATIONWIDE

1-844-643-1129