



# PRIMARY PACKAGING CODING SOLUTIONS



- Ideal for Primary Packaging
- 0.5" to 2" Print Capability
- Small Footprint for Easy Integration
- CIJ and TTO Replacement

# Small Character Coding and Marking Solutions

The .The UNO and UNO Plus from Norwix are the ideal coding and marking solutions for small character printing in an industrial environment. These lower cost, high performing, packaging printers comprise of a color 7" touchscreen and up to 2" print height.

Capable of printing barcodes, alphanumerics, lot codes, expiry dates, bitmaps and more, they have an industrial turnkey design, that integrates into any packaging operation with ease.

There are two configurations available:

- |          |                                   |
|----------|-----------------------------------|
| UNO      | Supports a Single 1/2" print head |
| UNO Plus | Up to Four 1/2" print heads       |

## Lowest Cost, Zero Maintenance

Using thermal inkjet technology from Norwix means that every time you change a cartridge (and that's a 5-second operation), you are replacing your packaging printer's print head – no planned maintenance, no expensive external companies visiting you, no specially trained employees.

- **Zero downtime due to consumable replacement**
- **Three times reduction in ink costs using Bulk Ink**
- **Significant cost improvement over TTO or labels**



Label Replacement with reduced costs

## Lowest Total Cost of Ownership

With Zero Maintenance, superb control over print resolution and density, the .UNO and .UNO Plus have proven reliability with the lowest downtime possible. If you have used other print technologies, then you know how costly it can get.

- **Avoid CIJ mess, smell and maintenance contracts**
- **No expensive ribbons printheads to replace with TTO**
- **No high upfront Laser hardware costs, or extraction systems needed**



.UNO Plus on egg packaging lines

## Best in Reliability

We know that reliability is one of the most important aspects of your packaging processes. After all you want to spend your time marking products, not maintaining your packaging printers.

Norwix solutions have proven time after time to be the most reliable and low-maintenance packaging printers available.

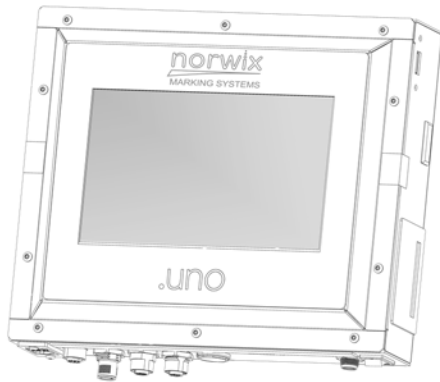
- **Maximum uptime, zero downtime**
- **100,000's prints before cartridge change**
- **Lifetime Warranty**



High Throughput Bottling Line

# Single and Multi-head Options for Flexibility

.uno



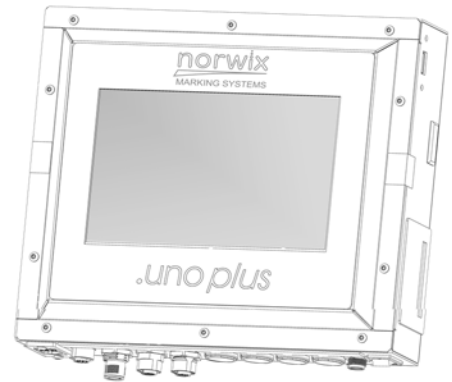
### Color Touch Screen

Industrial grade touch screen with sophisticated, simple to use control and monitoring software

### Connections

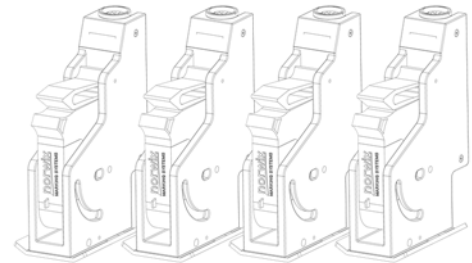
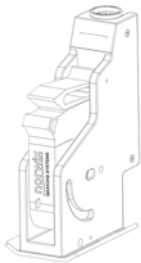
Connection to Ethernet, sensors, encoders and Printheads

.uno plus



### Print Heads

UNO : Single 1/2" print head  
UNO Plus: up to 4 1/2" print heads



Horizontal Resolution	Max Speed	
	m/min	ft/min
600 dpi	46	150
300 dpi	76	250
150 dpi	152	500

### Barcode Capability

- Static: 87 Types
- Dynamic 9 Types

### Other Printable items

- Lot Codes and Shift Codes
- Bitmaps/Logos
- User Inserts
- Date/Expiry Date
- Foreign Languages
- Fixed Text
- Counters and Batch Numbers

### SmartCard Enabled

Each Cartridge has a programmable chip embedded that allows Norwix to read and record secure information .



Individual cartridges are programmed with ink parameters enabling optimum print quality and the ability to save actual ink usage , making sure you get the most of out of each cartridge

- Cartridge ID's and Ink Types
- Preconfigured Firing parameters
- Individual cartridge Ink Usage



3 lane, UNO Plus on VFFS




Easy integration into existing equipment



# Ink Usage Estimates

The following gives an estimate of the number of prints you can expect from a single cartridge, based on what you are printing. For more information, contact your Norwix sales representative.

Font size	Example	Print Resolution	No images per cartridge
9 pt	JAN 07 2021 08:15	300 x 300	580,000
10 pt	LOT 66G7 EXP 07 JAN 2021	300 x 300	260,000
12 pt	USE BY 07 JAN 2021 7D 5766	300 x 300	185,000
18 pt	JAN 07 21 H7788857	300 x 300	104,000
32 pt	01/07/21 08:15 A	300 x 300	52,000
N/A	 (01) 012345678901231 (10) HJS649 (17) 28 02 2015 (21) 923Z845Y716W	300 x 300	73,000

## Lifetime Warranty

A guarantee of reliability is what your business needs today and a company to stand behind its words.

Norwix offers a genuine Lifetime Warranty on its hardware. If there is ever a problem, we will replace it free of charges for the lifetime of that product, whether 1 year or 20 years from now



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