

# Noritake *itron*<sup>®</sup>

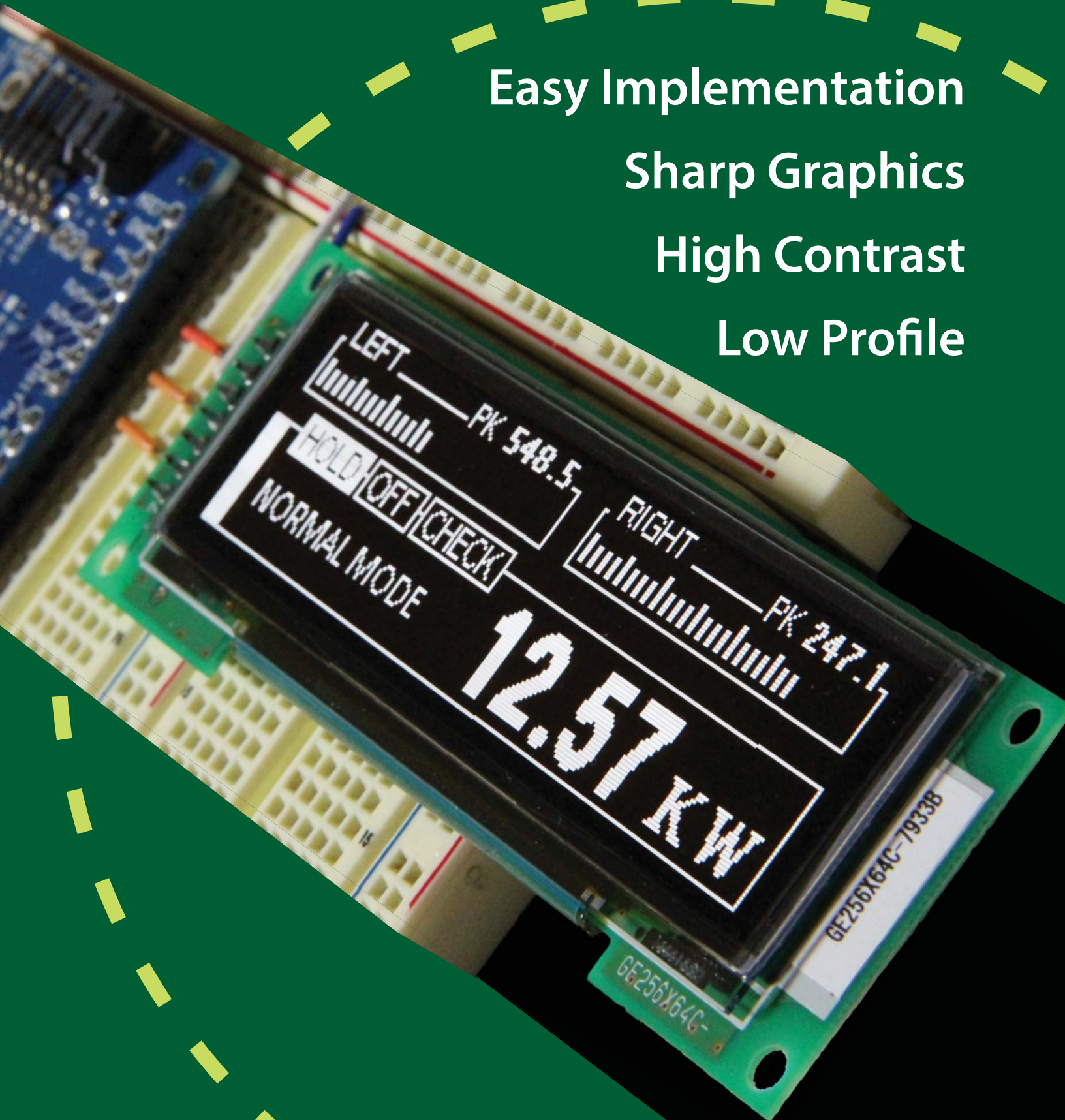
## OLED DISPLAY MODULES | GE-7000 SERIES

Easy Implementation

Sharp Graphics

High Contrast

Low Profile



## Interfacing

The OLED modules are very easy to communicate with using typical protocols such as SPI, UART, I2C, and parallel. They use the same command set as the GU-7000 series. Code libraries are also available to make communication even easier.

## Typical Applications



**Information Controller**



**Network Rack Unit**  
PCB Height < 44mm

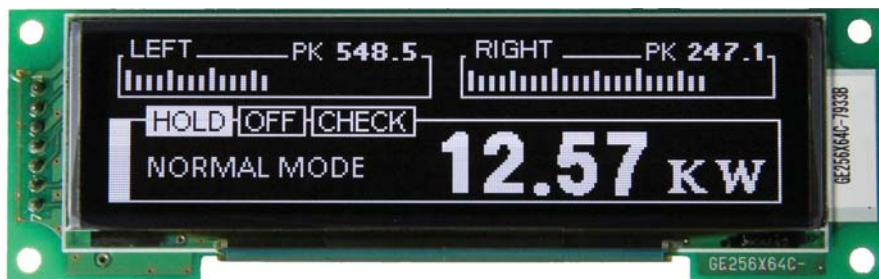


**Handheld Controller**

## Comparison

	Excellent	←	→	Acceptable
	Noritake OLED	Noritake VFD	Competitor LCD	
Operating Temp.	■	■	□	
Viewing Angle	■	■	□	
Contrast	■	■	■	
Sustainability	■	■	□	
Power Consumption	■	■	■	
Thickness (approx.)	~3 mm	~10 mm	~10 mm	

## Specifications



**GE256X64C-7933B**

Power Supply	3.3V / 155mA (50% of pixels ON)
PCB Size	115 x 36 mm
Display Area Size	87 x 21 mm
Illumination Color	White 100 cd/m <sup>2</sup> (Typ.)
Interface	USART, UART, SPI (3.3V Signal Level)
Function	Built-in international fonts Various text and graphic commands High contrast display Chinese, Japanese, and Korean fonts

Power Supply	3.3V / 90mA (50% of pixels ON)
PCB Size	94 x 36 mm
Display Area Size	71 x 19 mm
Illumination Color	White 85 cd/m <sup>2</sup> (Typ.)
Interface	USART, UART, SPI, Parallel (3.3V Signal Level)
Function	Built-in international fonts Various text and graphic commands High contrast display



**GE256X64B-7032B**