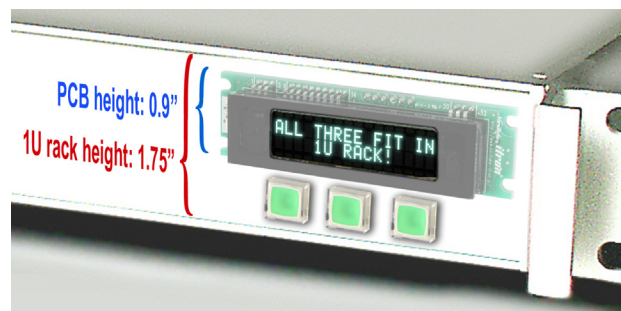


Noritake Compact Products

**FALL RELEASE
IN 2011**

**Actual
Size:**

- Fits in 1U rack (1" height)
- Better readability than LCD
- Less wires with Serial Interface



CU16024-UX3J



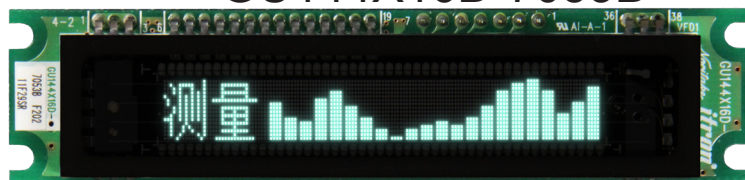
High Brightness
Character display 16X2 (2 lines, 16 characters)
Fits in 3.5" x 1" space

CU20024-UX3J



High Brightness
Character display 20X2 (2 lines, 20 characters)
Fits in 4" x 1" space

GU144X16D-7053B



Graphic display capability 144 x 16 dots
Character display 24X2 (Asian font options)
Fits in 4" x 1" space

Content		CU16024-UX3J	CU20024-UX3J	GU144X16D-7053B
PCB Size		86.6 x 23 mm	98 x 23 mm	98 x 23 mm
Display Area		46.54 x 7.65 mm	58.4 x 7.65 mm	57.45 x 7.85 mm
Dot Pitch		0.43 x 0.53 mm		0.40 x 0.50 mm
Character Format		5x7 dot		Selectable from 5x7, 12x16 dot
Character Size		2.1 x 3.6 mm		1.9 x 3.4 mm (5x7 dot)
Brightness		1000 cd/m ² (Typ.) 2000 cd/m ² (Boost Mode)		1000 cd/m ² (Typ.)
Interface	Serial	Synchronous Serial		Synchronous, Asynchronous, and SPI
	Parallel	Optional		Not available
Temperature Range		-40 to +85 deg. C (Operating) -50 to +85 deg. C (Storage)		-40 to +85 deg. C (Operating / Storage)
Function		HD44780 + Brightness control		Noritake GU7000 + additional commands
Code Library		Noritake CU-U		TBA

Noritake itron
The brighter side of electronics

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More details available at: <http://itron.tv/CDF1>