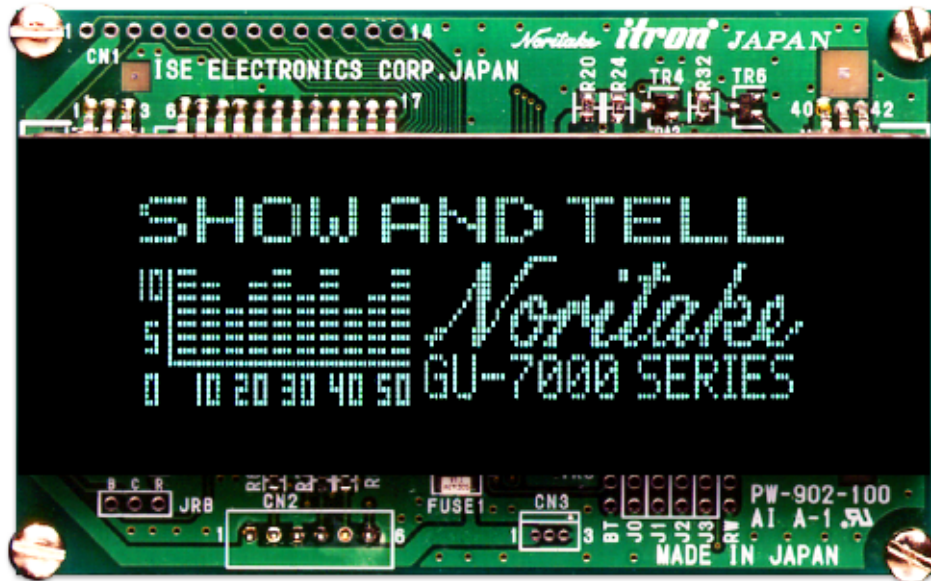


# Noritake

## 7000 Series Modules

LOW PRICE • ADVANCED FEATURES

- The most advanced Chip-In-Glass Technology, exclusive microprocessor technology & SUPERB built-in VFD graphics capabilities.
- With minimum time and effort, programmers can add extensive features.



### BUILT-IN FEATURES

- Fixed & Proportional Fonts - with proportional fonts, more characters can fit on a line and give a more attractive appearance
- Many International Font Sets with 16 User-Defined Characters for Each Font Set
- Font Magnification up to 4X Horizontally, 2X Vertically
- High Brightness & Wide Viewing Angle
- 8 Levels of Brightness Control
- Same Footprint as LCD Modules
- Up to 4 Independent Windows with Individual Control
- Optional Color Optical Filters & Luminance
- Multifunction Screen Savers - to prevent burn-in and minimize power consumption
- [Click Here for List of Commands](#)
- Value Added Services
- Various Interfaces Available
- Online Demo

### ADVANCED VFD CONSTRUCTION

- Chip-In-Glass, Compact Size, Durability & Low Cost
- Transformerless Engineering - for low profile & quiet operation
- Tipless Construction with Evacuation Tube - for safe & easy installation
- Both Serial & Parallel Interfaces Selectable with Onboard Jumper
- Wide Operating Temperature Range - from -40°C to +85°C

Part Number	No. of Dots	Char. Size (mm)	No. of Characters * Fixed/Fixed 2 Proportional	No. Kanji (Chinese Characters)	PCB Size W x H (mm)	Display Area	Power (At Dot On) Typ	Weight (g)
<a href="#">GU112X16G-7000</a>	112x16	4.9x2.2	2x16 Fixed 2x18 Fixed 2 2x18 + Prop.	1x7	80x36	52.50x11.45	5V/260mA	30
<a href="#">GU112X16G-7003</a>	112x16	4.9x2.2	2x16 Fixed 2x18 Fixed 2 2x18 + Prop.	1x7	80x36	52.50x11.45	5V/260mA	30
<a href="#">GU112X16G-7006</a>	112x16	4.9x2.2	2x16 Fixed 2x18 Fixed 2 2x18 + Prop.	1x7	80x36	52.50x11.45	5V/260mA	30
<b>NEW</b> <a href="#">GU112X16G-7900</a>	112x16	4.9x2.4	2x16 Fixed 2x18Fixed 2 2x18+Prop.	1x7	80x36	52.5x11.45	5V/260mA	30
<a href="#">GU128X32D-7000</a>	**128x32	2.9x2.1	4x18 Fixed 4x21 Fixed 2 4x21 + Prop.	2x8	98x31	57.45x13.93	5V/300mA	32
<a href="#">GU128X32D-7003</a>	**128x32	2.9x2.1	4x18 Fixed 4x21 Fixed 2 4x21 + Prop.	2x8	98x31	57.45x13.93	5V/300mA	32
<a href="#">GU128X32D-7006</a>	**128x32	2.9x2.1	4x18 Fixed 4x21 Fixed 2 4x21 + Prop.	2x8	98x31	57.45x13.93	5V/300mA	32
<a href="#">GU128X32D-7900</a>	**128x32	2.9x2.1	4x18 Fixed 4x21 Fixed 2 4x21 + Prop.	2x8	98x31	57.45x13.93	5V/300mA	32
<a href="#">GU128X64D-7000</a>	128x64	3.0x2.1	8x18Fixed 8x21Fixed 2 8x21+Prop.	4x8	99x49	57.5x28.7	5V/760mA	
<b>NEW</b> <a href="#">GU128X64D-7900</a>	128x64	3.0x2.1	8x18Fixed 8x21Fixed 2 8x21+Prop.	4x8	99x49	57.5x28.7	5V/760mA	
<b>NEW</b> <a href="#">GU128X84F-7000</a>	128x64	4.6x2.4	8x18Fixed 8x21Fixed 2 8x21+Prop.	4x8	137x68	83.1x41.5	5V/760mA	
<b>NEW</b> <a href="#">GU128X84F-7003</a>	128x64	4.6x2.4	8x18Fixed 8x21Fixed 2 8x21+Prop.	4x8	137x68	83.1x41.5	5V/760mA	
<b>NEW</b> <a href="#">GU128X84F-7900</a>	128x64	4.6x2.4	8x18Fixed 8x21Fixed 2 8x21+Prop.	4x8	137x68	83.1x41.5	5V/760mA	
<a href="#">GU140X16G-7000</a>	140x16	4.9x2.4	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	116x37	69.85x11.45	5V/290mA	40
<a href="#">GU140X16G-7003</a>	140x16	4.9x2.4	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	116x37	69.85x11.45	5V/290mA	40
<a href="#">GU140X16G-7006</a>	140x16	4.9x2.4	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	116x37	69.85x11.45	5V/290mA	40
<b>NEW</b> <a href="#">GU140X16G-7040</a>	140x16	4.9x2.4	2x20 Fixed 2x23Fixed 2 2x23+Prop.	1x8	116x37	69.85x11.45	5V/300mA	43
<a href="#">GU140X16G-7042</a>	140x16	4.9x2.4	2x20 Fixed 2x23Fixed 2 2x23+Prop.	1x8	116x37	69.85x11.45	5V/300mA	43
<a href="#">GU140X16G-7900</a>	140x16	4.9x2.4	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	116x37	69.85x11.45	5V/290mA	43
<a href="#">GU140X16G-7903</a>	140x16	4.9x2.4	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	116x37	69.85x11.45	5V/290mA	43
<a href="#">GU140X16J-7000</a>	140x16	3.52x8.13	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	146x43	102.75x18.8	5V/510mA	43
<a href="#">GU140X16J-7003</a>	140x16	3.52x8.13	2x20 Fixed 2x23 Fixed 2 2x23 + Prop.	1x8	146x43	102.75x18.8	5V/510mA	43
<a href="#">GU140X32F-7000</a>	140x32	4.6x2.4	4x20 Fixed 4x23 Fixed 2 4x23 + Prop.	2x8	98x60	69.85x21.61	5V/400mA	60
<a href="#">GU140X32F-7003</a>	140x32	4.6x2.4	4x20 Fixed 4x23 Fixed 2 4x23 + Prop.	2x8	98x60	69.85x21.61	5V/400mA	60
<a href="#">GU140X32F-7006</a>	140x32	4.6x2.4	4x20 Fixed 4x23 Fixed 2 4x23 + Prop.	2x8	98x60	69.85x21.61	5V/400mA	60
<a href="#">GU140X32F-7032</a>	140x32	4.6x2.4	4x20 Fixed 4x23Fixed 2 4x23+Prop.	2x8	98x60	69.85x21.61	3.3V/600mA	60
<a href="#">GU140X32F-7050</a>	140x32	4.6x2.4	4x20 Fixed 4x23Fixed 2 4x23+Prop.	2x8	98x47	69.85x21.61	5V/400mA	60
<b>NEW</b> <a href="#">GU140X32F-7900</a>	140x32	4.6x2.4	4x20 Fixed 4x23Fixed 2 4x23+Prop.	2x8	98x60	69.85x21.61	5V/400mA	60
<b>NEW</b> <a href="#">GU140X32F-7903</a>	140x32	4.6x2.4	4x20 Fixed 4x23Fixed 2 4x23+Prop.	2x8	98x60	69.85x21.61	5V/400mA	60
<a href="#">GU260X64D-7000</a>	260x64	3.0x2.1	8x36Fixed 8x42Fixed 2 8x42+Prop.	4X16	159x50	115.05x28.85	5V/300mA	
<a href="#">GU260X16G-7000</a>	280x16	2.3x4.75	2x40 Fixed 2x46 Fixed 2 2x46 + Prop.	1x16	182x33.5	137x11	5V/430mA	78
<a href="#">GU260X16G-7003</a>	280x16	2.3x4.75	2x40 Fixed 2x46 Fixed 2 2x46 + Prop.	1x16	182x33.5	137x11	5V/430mA	78

\* The 7000 series includes a choice of two fixed fonts and a proportional font. The proportional font can provide more characters per line than the fixed fonts.  
\*\* The 7900 series include Simplified Chinese, Traditional Chinese and Korean characters.