DENSiTRON

UREADY 2RU X86 1 ROW BUTTONS

This universal touchscreen control surface is 2RU rack mountable, with an embedded X86 platform and Ethernet connectivity.

Tactile-touch is a Densitron proprietary technology that provides the mechanical feeling of a button, combined with optical transparency, and interaction with a touchscreen display. Tactile control surfaces provide sensory feedback for operators, which touchscreens alone cannot easily do.

This category of human-machine interaction allows operators to not have to look at the spatial location of their fingers, thus freeing them up to look at the associated control and monitoring tasks.

This version of the tactile control surface has a single-row of 18 buttons on the lower part of the screen. The upper part of the display and touchscreen area are used for display and interaction.

Densitron's X86 architecture and software ecosystem allows customers to rapidly deploy their applications, thus getting products to market sooner. Both Linux and Windows 10 OS are supported.

UReady™

UREADY 2RU X86

1 ROW BUTTONS

SKU: DM-163GN-MBXR01

Densitron 16.3" monitor with a resolution of 1920 x 285

DISPLAY

Display size	16.3"
Resolution	1920 X 285
Viewing Angle	70/70/70/70
Buttons	18

Available with the following customisation options:
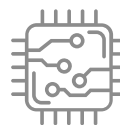
Cover Lens Customisation

DIMENSIONS

Width	483.20mm
Height	87.60mm

Optical Bonding

HMI

HMI	Mechanical Touch
Touch Interface	USB

ARM Available

MOUNTING AND CONNECTIVITY

I/O	USB
Mechanical Mounting	Closed Frame

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COMPUTING

Processor	Intel® Pentium® Processor N Series (N4200) Quad core processor with 1.10 GHz
Memory	4 GB DDR3-1600 &
Storage	64 GB SSD M.2
Audio	Line-out(left/right channels) x 1
Inputs	User USB x2
I/O External	Ethernet: 10/100/1000 Mbps x 1. IEEE 802.3af 12V DC IN Jack
Graphic Proccessor	Intel® HD Graphics 505 Graphics Base Frequency 200 MHz DirectX*, OpenGL*, Intel® Quick Sync Video

PANEL

Size	16.3" TFT LCD
Pixels per inch	119
Brightness	700 cd/m^2
Contrast Ratio	700
LED Backlight	50,000 Hours
Power	1 x 12V DC Input
Operating Temperature	0°C ~ +40°C

TOUCH

Type	Resistive
Fingers	Fingers Multiple touch >10

OPERATING SYSTEM

Windows	Available on request
Linux	Available on request

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