



Features

- Intel® Atom® x7-E3950 / Pentium® N4200 Processor
- Sunlight readable 1000nits bar type panel
- Auto-dimming function
- IP65 front-panel waterproof protection
- Anti-scattering front side glass



Specifications

CPU Type	MRD286-N42: Intel® Pentium® Processor N4200 (1.1GHz~2.5GHz) MRD286-I50: Intel® Atom™ x7-E3950 Processor (1.6GHz~2.0GHz)
Memory	2x DDR3L SO-DIMM, Max. 8GB, 1x Default 4GB
Display Size	28.6"
Max. Resolution	1920 x 540
Luminance (cd/m ²)	1,000
Contrast	1000:1
Max. Color	16.7M
View Angle (H°/V°)	178/178
Backlight Lifetime(hrs)	50,000
Touch Type	None, enhanced glass, anti-scattering, IK07 rating
Touch Interface	None
Light Transmission (%)	90
Point of touch	None
USB 3.0	None
USB 2.0	1x 8-pin M12 A-code for 2x USB 2.0
Serial Port	1x 8-pin M12 A-code for RS-232/422/485
LAN	1x 8-pin M12 X-code GbE LAN
Additional Disply Port	None
Power Connector	1x 3-pin M12 A-code
Power Button	IP65 membrane key
Power Input Range	24V DC or 110V DC
Thermal Design	None
Membrane Control	Dimming control, power on/off
Built-in Speaker/MIC	2x IP65 2W speaker
Internal Expansion	None
Wireless	Optional
Storage	1x 2.5" HDD space, default 64GB SSD, easy accessible
IP Rating	IP65 for other sides IP43
Construction	Metal
Chassis Color (Front/Back)	Black/Black
Mounting	Side mount, VESA 100x100
Dimensions	780 (W) x 278 (D) x 77 (H) mm 30.7"(W) x 10.9"(D) x 3.03"(H)
Net Weight	15 kgs
Operating Temperature	-25°C ~ 55°C (-13°F ~ 131°F)
Storage Temperature	-25°C~70°C (-13°F ~ 158°F)
Storage Humidity	0~90% @40°C

Certified	CE/FCC Class-A +LVD EN50155, EN45545-2 Compliance
Operating Systems	Windows 10, Linux Kernel 4.X

Ordering Information

MRD286-N42	28.6" 1920 x 540 Bar Type-AIO, Intel® Pentium® Processor N4200, 4GB memory,64GB SSD, 24VDC power input, without adaptor
MRD286-N42H	28.6" 1920 x 540 Bar Type-AIO, Intel® Pentium® Processor N4200, 4GB memory,64GB SSD, 110VDC power input, without adaptor
MRD286-I50	28.6" 1920 x 540 Bar Type-AIO, Intel® Atom® x7-E3950 Processor, 4GB memory,64GB SSD, 24VDC power input, without adaptor
MRD286-I50H	28.6" 1920 x 540 Bar Type-AIO, Intel® Atom® x7-E3950 Processor, 4GB memory,64GB SSD, 110VDC power input, without adaptor

Dimensions

