

# MRD-286

## All-in-One Bar-Type Panel PC

EN50155 Certified Intel® Atom™ x7-E3950 / Pentium® N4200 Processor  
All-in-One 28.6" Bar-Type Panel PC



### 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

Display Size	28.6"
Max. Resolution	1920 x 540
Luminance (cd/m <sup>2</sup> )	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 M12 8-pin A-code for 2x USB 2.0
RS-232/422/485 Selectable in BIOS	1x 8-pin M12 A-code
RS-232	None
LAN	1x 8-pin M12 X-code GbE LAN
Additional Graphics	None
Audio	None
Digital I/O	None
Power Connector	1x M12 3-pin A-code
Power Button	IP65 membrane key
CPU Type	MRD286-N42: Intel® Pentium® Processor N4200 (1.1GHz~2.5GHz) MRD286-I50: Intel® Atom™ x7-E3950 Processor
Memory	2x DDR3L SO-DIMM, Max. 8GB, 1x Default 4GB
Thermal Design	None
Membrane Control	Dimming control, power on/off
Built-in Speaker/MIC	2x IP65 2W speaker
Internal Expansion Bus	None
Expansion Slot	None
Wireless	Optional
HDD	1x 2.5" HDD space, default 64GB SSD, easy accessible
Removable	None
Power Input Range	24V DC or 110V DC
Chassis Material	Metal
Color (Front/Back)	Black/Black
IP Rating	IP65 for other sides IP43
Mounting	Side mount, VESA 100x100
Dimensions (mm)	780mm(W) x 278mm(D) x 77mm(H) 30.7"(W) x 10.9"(D) x 3.03"(H)
Net Weight (kgs)	15

Operating Temperature	-20°C~55°C
Storage Temperature	-25°C~70°C
Storage Humidity	0~90% @40°C
Certification	CE/FCC class A +LVD EN50155
Supported 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

