



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/m²)	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
I/O Interface	1x 8-pin M12 A-code for 2x USB 2.0 1x 8-pin M12 A-code for RS-232/422/485 1x 8-pin M12 X-code GbE LAN 1x 3-pin M12 A-code power connector
Power Button	IP65 membrane key
Power Input Range	24V DC or 110V DC
Membrane Control	Dimming control, power on/off
Audio	2x IP65 2W speaker
Internal Expansion	None
Wireless	Optional
Storage	1x 2.5" HDD space, default 64GB SSD, easy accessible
IP Rating	IP65 front panel, other sides IP43
Thermal Design	Fanless
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	1.5 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

Dimensions

