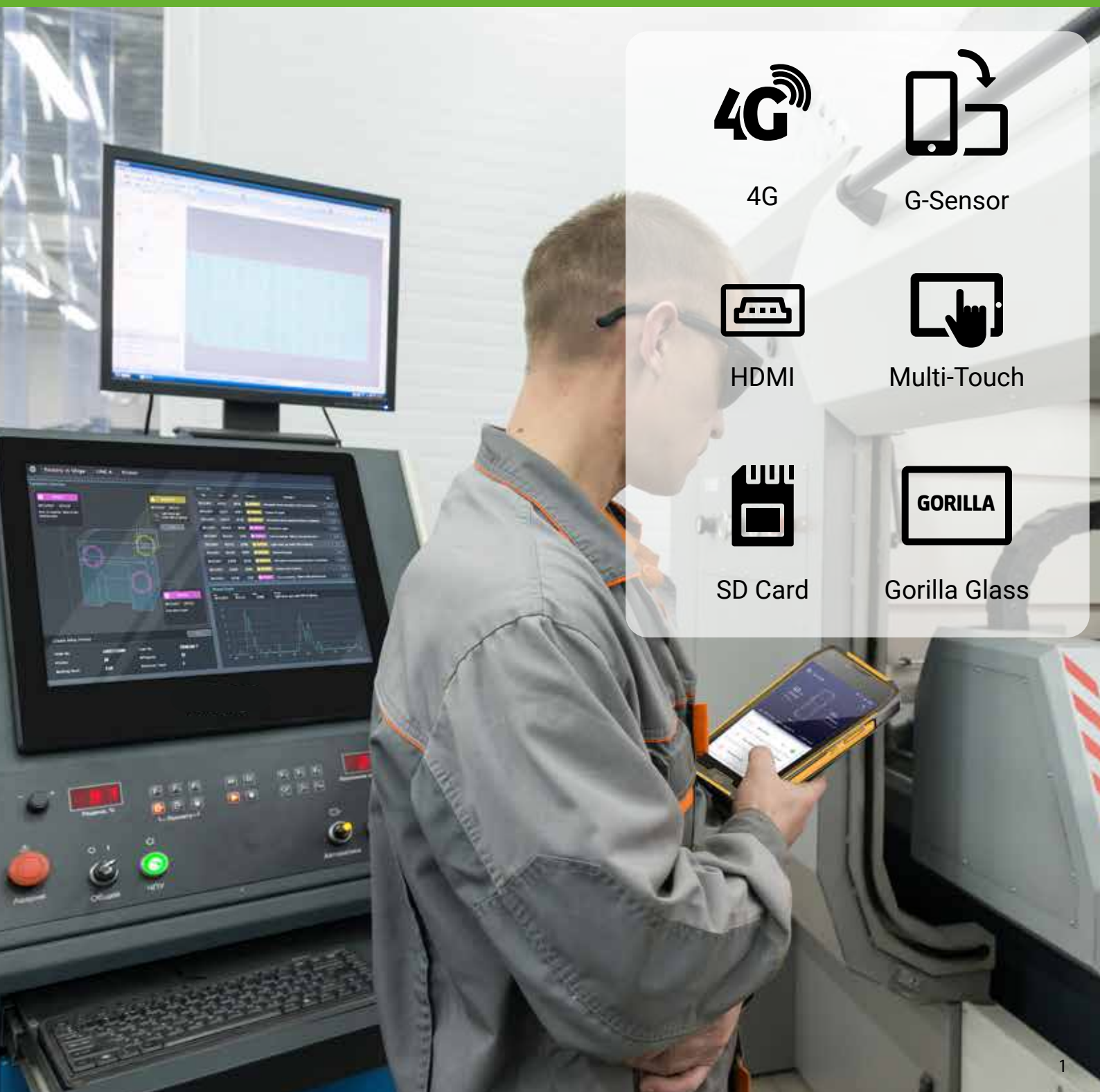


Create impressive space for all target audience

Designed for the Most Demanding Conditions

It is designed according to the criteria of high performance, durability and ease of use in industrial conditions. Unisign Panel PCs are manufactured with an industrial high performance new generation motherboard, high brightness and with 7" to 19" touch screen options and Unisign quality.

With powerful industrial hardware features; it is suitable for many sectors such as production, automation, warehouse, logistics, retail, health, transportation, banking, advertising etc.



4G



G-Sensor



HDMI



Multi-Touch



SD Card



Gorilla Glass

Unisign Panel PCs IP65 level front panel water and dust-resistant, high-impact display against impact and easy to maintain features with high performance in all challenging conditions offers ease of operation.



Our line of industrial and ruggedized Panel PCs, hardened displays and HMI monitors feature an innovative modular design, enabling efficient maintenance and simplified upgrading. Industrial touch screen displays from Unisign provide a rugged all-in-one solution for human/machine interface, inventory management, point of use, kiosk or industrial / automation control applications.



PANEL

NW101EA-PI

NW121EA-PI

NW150EA-PI

NW170EA-PI

NW185EA-PI

Resolution	1280 x 800 px	1024 x 768 px	1024 x 768 px	1280 x 1024px	1366 x 768 px
Brightness	350 nit	500 nit	400 nit	350 nit	300 nit
Response Time	8 ms	8 ms	8 ms	30 ms	5 ms
Viewing Angle	160/160	160/140	80/80/80/80	80/80/85/85	160/160/170/170
Touch	PCAP	PCAP	PCAP	PCAP	PCAP
IP Rating	IP66	IP66	IP65 (Only front panel)	IP65 (Only front panel)	IP65 (Only front panel)

OPERATION

Processor	Intel Celeron N2930(1.83GHz) CPU built in	Intel Celeron N2930(1.83GHz) CPU built in	Core i7-6700TE, i5-6500TE, i3-6100TE Pentium G4400TE Celeron G3900TE	Core i7-6700TE, i5-6500TE, i3-6100TE Pentium G4400TE Celeron G3900TE	Intel® i7-3610QE:2.3 GHz / i5-3610ME:2.7 GHz / i3-3120ME:2.4 GHz
OS	Windows Embedded Compact 7, Windows Embedded Standard 7, windows Pro(FES), Windows 7 Ultimate(FES), Windows 8 Standard, Windows Embedded 8.1 Industry Pro, Windows IoT Enterprise	Windows Embedded Compact 7, Windows Embedded Standard 7, windows Pro(FES), Windows 7 Ultimate(FES), Windows 8 Standard, Windows Embedded 8.1 Industry Pro, Windows IoT Enterprise	G3900TE Win.10 IoT 64bit/ Ubuntu 16.04LTS	Windows 10 IoT Enterprise LTSC 2016 64bit/Ubuntu16.04 LTS	Windows XP/ Windows 7/ Windows 8/ Windows 8.1
Chipset	SoC	SoC	Intel® Q170/H110	Intel® Q170/H110	Intel® QM77 / HM76
Ram Max.	Onboard 4GB DDR 3L 1333 MHz/8GB	Onboard 4GB DDR 3L 1333 MHz/8GB	32GB DDR4 SO-DIMM	32GB DDR4 SO-DIMM	16GB DDR3/DDR3L
Driver	1xSATA 2.5" HDD1xSD card slot, up to 32GB	1xSATA 2.5" HDD1xSD card slot, up to 32GB	1 1x2.5" SATAIII HDD 1xCFast card on board	1 1x2.5" SATAIII HDD 1xCFast card on board	11 x 2.5" SATAIII HDD 1 x CFast card on board

CONNECTIVITY

USB	2x USB 3.0 type A	2x USB 3.0 type A	4x USB 3.0	4x USB 3.0	4 x USB 3.0
Audio Input/Output	1xAudio Line Out	1xAudio Line Out	1xAudio Line Out	1xAudio Line Out	1xAudio Line Out
LAN	2x GbE LAN RJ-45	2x GbE LAN RJ-45	2x GbE LAN RJ-45	2x GbE LAN RJ-45	2x GbE LAN RJ-45
Serial/Parallel Ports	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232
Display	1xDVI-D	1xDVI-D	1xDVI-D	1xDVI-D	1xDVI-D
Power Input	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V

DIMENSIONS

Mounting	VESA 100x100	VESA 100x100	VESA 100x100	VESA 100x100	VESA 100x100
Dimensions	285 x 189 x 48.9 mm	285 x 189 x 48.9 mm	408 x 320 x 121.6 mm	434 x 366 x 126.6 mm	486 x 318.5 x 123.5 mm
Weight	1.9 kg	1.9 kg	8.9 kg	10.9 kg	10.1 kg
Construction	Aluminum Die-casting Front Bezel and Chassis	Aluminum Die-casting Front Bezel and Chassis	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel

OPERATION

Operation Life	7/24 - 50,000 hours	7/24 - 50,000 hours	7/24 - 50,000 hours	7/24 - 50,000 hours	7/24 - 50,000 hours
Working Conditions	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C
Humidity	10 ~ 80%	10 ~ 80%	10 ~ 80%	10 ~ 80%	10 ~ 80%

CERTIFICATION AND COMPATIBILITY

Warranty	2 years	2 years	2 years	2 years	2 years
Certificate	CE/FCC Class A/UL	CE/FCC Class A/UL	CE/FCC Class A/UL	CE/FCC Class A/UL	CE/FCC Class A/UL

OTHER

Included in Pocket	Easy Installation Guide, Warranty Document, Power Cable (Other Accessories Externally)				
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PANEL	NW101EA-PI	NW121EA-RI	NW150EA-RI	NW170EA-RI
Resolution	1280 x 800 px	1280 x 768 px	1024 x 768 px	1280 x 1024 px
Brightness	350 nit	500 nit	400 nit	350 nit
Response Time	5 ms	5 ms	8 ms	30 ms
Viewing Angle	160/160	160/160	80/80/80/80	80/80/85/85
Touch	PCAP	PCAP	PCAP	PCAP Resistive
IP Rating	IP66	IP66	IP66	IP65 (Only front panel)

OPERATION

Processor	Intel Celeron N2930(1.83GHz) CPU built in	Intel Celeron N2930(1.83GHz) CPU built in	Core i7-6700TE, i5-6500TE, i3-6100TE Pentium G4400TE Celeron G3900TE	Intel® E3845 1.91 GHz J1900 2.0 GHz
OS	Windows Embedded Compact 7, Windows Embedded Standard 7, windows Pro(FES), Windows 7 Ultimate(FES), Windows 8 Standard, Windows Embedded 8.1 Industry Pro, Windows IoT Enterprise	Windows Embedded Compact 7, Windows Embedded Standard 7, windows Pro(FES), Windows 7 Ultimate(FES), Windows 8 Standard, Windows Embedded 8.1 Industry Pro, Windows IoT Enterprise	G3900TE Win.10 IoT 64bit/ Ubuntu 16.04LTS	Windows 7/ Windows 10 IoT Enterprise LTSB 2016 / Linux Ubuntu 14.0
Chipset	SoC	SoC	Intel® Q170/H110	SoC
Ram Max.	Onboard 4GB DDR 3L 1333 MHz/8GB	Onboard 4GB DDR 3L 1333 MHz/8GB	31GB DDR4 SO-DIMM	32GB DDR4 SO-DIMM
Driver	1xSATA 2.5" HDD1xSD card slot, up to 32GB	1xSATA 2.5" HDD1xSD card slot, up to 32GB	2x2.5" SATAIII HDD 1xCFast card on board	1 1x2.5" SATAIII HDD 1xCFast card on board

CONNECTIVITY

USB	2x USB 3.0 type A	2x USB 3.0 type A	4x USB 3.0	3 x USB 2.0 / 1 x USB 3.0
Audio Input/Output	1xAudio Line Out	1xAudio Line Out	1xAudio Line Out	1xAudio Line Out
LAN	2x GbE LAN RJ-45	2x GbE LAN RJ-45	2x GbE LAN RJ-45	2x GbE LAN RJ-45
Serial/Parallel Ports	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232	1x RS-232 DB-9, COM2 1xRS-232/422/485 DB-9, default RS-232
Display	1xDVI-D	1xDVI-D	1xDVI-D	1xDVI-D
Power Input	DC 9~36V	DC 9~36V	DC 9~36V	DC 9~36V

DIMENSIONS

Mounting	VESA 100x100	VESA 100x100	VESA 100x100	VESA 100x100
Dimensions	285 x 189 x 48.9 mm	319 x 245 x 51.7 mm	408 x 320 x 121.6 mm	436 x 368 x 102.55 mm
Weight	1.9 kg	2.8 kg	8.9 kg	7.9 kg
Construction	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel	Electronic Galvanized steel case Stainless steel front panel Aluminum front panel

OPERATION

Operation Life	7/24 - 50,000 hours	7/24 - 50,000 hours	7/24 - 50,000 hours	7/24 - 50,000 hours
Working Conditions	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C	Operation Temp.:0~ 40 °C ; Storage Temp.: -20~65 °C
Humidity	10 ~ 80%	10 ~ 80%	10 ~ 80%	10 ~ 80%

CERTIFICATION AND COMPATIBILITY

Warranty	2 years	2 years	2 years	2 years
Certificate	CE/FCC	CE/FCC	CE/FCC	CE/FCC

OTHER

Included in Pocket	Easy Installation Guide, Warranty Document, Power Cable (Other Accessories Externally)			
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www.unisign.com.tr

info@unisign.com.tr



PANEL PC