

Industrial Panel PC SlimLine IB70 Series

38,1 cm (15") to 54,6 cm (21,5") Industrial Panel PC Intel® Celeron® N2930 (Bay Trail) Fanless



• **Type designation:**
SlimLine WM xx-IB70-CH

- Touch screen resistive optional or protective glass
- rugged steel-sheet housing
- mounting with rear VESA connector



(Fig. WM 15 and WM 19)

PERFORMANCE

CPU (Intel® Mobile)	Celeron® N2930 (4 × 1,83 GHz)
System memory	max. 2 × 4 GB DDR3L SO-DIMM
Power input	12 V _{DC}
	optional 9–36 V _{DC}
Power supply	incl. external, 100–240 V _{AC}

SYSTEM

Board system	Mini-ITX, socket FCBGA1170
Chipset	Intel® System on chip
Ethernet	2 × GbE: Intel® WG82574L
Expansion slots	2 × Mini PCIe
Graphics	Intel® SoC Integrated HD engine, VGA mode max. 1920×1200 @ 60 Hz, Multi-monitor: dual display
Audio	Realtek® ALC886 HD, internal speaker

INTERFACES

RS-232	COM3, COM4
RS-232/422/485	COM1
USB	3 × USB 2.0 1 × USB 3.0
PS/2	2 × Mini-DIN
Ethernet	2 × RJ-45
Graphic	1 × VGA
Audio	line in / out / mic
Internal I/O (pin header onboard only)	RS-232 (COM2), 4 × USB 2.0, 12 GPIO pins, LPT

DRIVES

Harddisk	min. 500 GB, 2,5" SATA
Solid-state drive	optional min. 64 GB, 2,5" SATA

LCDs

15 =	38,1 cm (15") 4:3	1024 × 768 (250 cd/m ² , 700:1)
15W =	39,5 cm (15,6") 16:9	1366 × 768 (300 cd/m ² , 500:1)
17 =	43,2 cm (17") 4:3	1280 × 1024 (350 cd/m ² , 1000:1)
19 =	48,3 cm (19") 4:3	1280 × 1024 (250 cd/m ² , 1000:1)
22W =	54,6 cm (21,5") 16:9	1920 × 1080 (250 cd/m ² , 1000:1)
Backlight	LED	
Touchscreen	optional	resistive

CONSTRUCTION

Dimensions (w × d × h)	15	360 × 290 × 79 mm
	15W	398,3 × 254 × 79 mm
	17	394 × 332 × 83 mm
	19	432 × 363 × 79 mm
	19W	464 × 328 × 79 mm
	22W	506,5 × 302,5 × 84,5 mm
Material	sturdy steel sheet (black coated)	
Mounting	VESA 75 × 75 mm VESA 100 × 100 mm	
Cooling	fanless	
Controls	Power on/off, reset, brightness adjust	

QUALITY / TESTS

Burn-in stress test	min. 24 hours
Production	ESD protected
Quality management	according to ISO 9001:2008
Environmental management	according to ISO 14001:2004
Operating temperature	0–45° C
Warranty	24 months
Service Packages	Tests, installations, adjustments, long-term availability etc. as desired