

# INTUS 6800p

- + Scalable performance up to Intel Core i3
- + Versatility for PDC/MES, ESS, POI
- + Integrated RFID readers
- + Durable high-resolution touchscreen
- + Heavy-duty metal housing



Versatility for a wide range of applications, scalability up to Intel Core i3, heavy duty, environmentally friendly design – these are the features of the INTUS 6800p.

The stable aluminum frame profile housing reliably protects the electronic components against dust and humidity while ensuring optimum heat dissipation when powerful processors are used. Only 45 mm in depth, the housing is extremely flat and can be installed even where space is at a premium.



Technical Data INTUS 6800p	15"	19"
Stable aluminum frame profile housing, fanless, shock- and vibration-protected construction	■	■
Intel Quad Core Atom E3845	■	■
Intel Core i3 6100U		
Integrated hard disk 500 GB / SSD solid state drive 256 GB	■ / □	■ / □
Operating system Win7 / Win 10 Prof. 64Bit	□ / □	□ / □
<b>Display</b>		
Projective capacitive touchscreen (PCAP), Multi-touch	■	■
TFT color display with LED backlight	■	■
Lightness / Contrast	250cd/m <sup>2</sup> / 700:1	300cd/m <sup>2</sup> / 5000:1
15" color TFT, 1024 x 768 pixel	■	
19" color TFT, 1280 x 1024 pixel		■
MTBF in h	50.000	50.000
Viewing angle: horizontal / vertical	160° / 140°	178° / 178°
<b>Mechanics, power supply, environment</b>		
VESA 100 / wall-mounted tilting / quick connector for support arm systems	■ / □ / □	■ / □ / □
Power supply 110V...230V (integrated industrial power supply)	■	■
Power consumption	ca. 50 W	ca. 50 W
Degree of protection: IP65	■	■
Temperature range 0°C ... +50°C non-condensing	■	■
Humidity non-condensing	10 – 90%	10 – 90%
Dimension (H x W x D) in mm	369 x 360 x 45	397 x 545 x 45
Weight in kg (standard with Vesa 100)	8.2 kg	8.4 kg
■ Standard □ Option – not available <sup>1)</sup> model-specific		

Technical Data (CPU board)	Quad Core ATOM E3845	Core i3-6100U
Performance	4 x 1,91 GHz	2 x 2,3 GHz
Cache	2MB L2	3MB L3
Memory	2 x DDR3L-1333 SO-DIMM, Max. 8 GB	2 x DDR3L-1600 SO-DIMM, Max. 16 GB
Thermal Design Power (TDP)	10 W	15 W (configurable)
Benchmark	1,374	3,883
<b>Interfaces</b>		
LAN	2 x Gbit	2 x Gbit
USB	3 x USB 2.0 / 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0 1 x USB 3.1 (type C)
Serial	2 x COM	4 x COM
Slots	2 x Mini PCI-E slots	1 x Mini PCI-E slot
<b>Graphic</b>		
VGA controller	INTEL Atom SoC integr. Gen7	6th Gen. INTEL Core U series
VGA memory	shared memory	Shared Memory
Display interface	CRT, display port, 24-bit dual channel LVDS	eDP, display port, 24-bit dual channel LVDS

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